

BRIGHAM YOUNG
UNIVERSITY



Annual Catalog Issue
1937-38

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**BRIGHAM YOUNG UNIVERSITY
QUARTERLY**

Catalogue Number

FOR THE SCHOOL YEAR

1937-1938

**Published by
BRIGHAM YOUNG UNIVERSITY
PROVO, UTAH**

1937

JANUARY							APRIL							JULY							OCTOBER						
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1938

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Church School Officers

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STEPHEN L. CHIPMAN	
EDWARD H. HOLT, Secretary-Treasurer	

EXECUTIVE COMMITTEE

THOMAS N. TAYLOR	J. WM. KNIGHT
STEPHEN L. CHIPMAN	

University Calendar

1937

AUTUMN QUARTER

September 13—Training School begins.

September 20—First Faculty Meeting.

September 24 and 25—Registration days. Freshman instructions and examinations.

September 27—Registration continued.

September 28—Instruction begins.

October 16—Founder's Day.

November 24 to November 29—(Wednesday evening until Monday morning—Thanksgiving Recess.

December 17—Autumn Quarter closes.

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WINTER QUARTER

January 3—Winter Quarter begins.

January 24 to January 28—Leadership Week.

March 18—Winter Quarter closes.

SPRING QUARTER

March 21—Spring Quarter begins.

June 5—Baccalaureate services.

June 7—Alumni Reunions.

June 8—Sixty-second Commencement Exercises.

June 13—Summer Quarter begins.

Administrative Officers

Franklin S. Harris	President
Kiefer B. Sauls	Secretary to the President
	Purchasing Agent
Edwart H. Holt	Secretary-Treasurer
Carma Ballif	Assistant in Treasurer's Office
Barr Miller	Assistant in Treasurer's Office
John E. Hayes	Registrar
Christen Jensen	Dean of the Graduate School
Carl F. Eyring	Dean of the College of Arts and Sciences
Herald R. Clark	Dean of the College of Commerce
Amos N. Merrill	Acting Dean of the College of Education
Gerrit de Jong, Jr.....	Dean of the College of Fine Arts
Thomas L. Martin	Dean of the College of Applied Science
Harrison R. Merrill	Director Extension Division
A. C. Lambert	Dean of the Summer Session
Nettie Neff Smart	Dean of Women
A. Rex Johnson	Dean of Men
Lloyd L. Cullimore	Medical Director
Edgar M. Jensen	Director Training Schools
Anna Ollorton	Librarian

The Faculty*

FRANKLIN STEWART HARRIS.....President

B. S. Brigham Young University, 1907; Ph. D., Cornell University, 1911; Student University of Paris, 1927; Instructor, Juarez Academy, 1904-05; Assistant Chemist, Utah Experiment Station, 1907-08; Instructor in Soils, Cornell University, 1907-08; Professor of Agronomy, Utah Agricultural College and Agronomist Utah Experiment Station, 1911-21; Director School of Agricultural Engineering and Mechanic Arts, 1912-16; Director Utah Experiment Station, 1916-21; President Brigham Young University, 1921—

JOHN C. SWENSON.....Professor of Economics and Sociology

A. B., Stanford University, 1898; M. A., Columbia University, 1921; Graduate work, Columbia University, Summer of 1924; Assistant Professor of English, Brigham Young University, 1898-99; Professor of History and Economics, 1899-1900; Dean of College of Education, 1921-24; Professor of Economics and Sociology, 1906—

CHARLES E. MAW.....Professor of Chemistry

A. B., Stanford University, 1903; S. M., University of Chicago, 1916; Ph. D., Stanford University, 1924; Graduate work, Columbia University, 1916; University of California, 1923; Professor of Chemistry, Brigham Young University, 1903—

ALFRED OSMOND†.....Professor of English, Emeritus

A. B., Harvard University, 1903; M. A., Columbia University, 1920; Graduate work, University of Chicago; Columbia University; Professor of English, Brigham Young University, 1903—

CHRISTEN JENSEN.....Professor of History and Political Science, Dean of Graduate School

A. B., University of Utah, 1907; A. M., Harvard University, 1908; Ph. D., University of Chicago, 1921; Graduate work, University of California; Study in Europe, 1928; Assistant Professor of History and Political Science, Brigham Young University, 1908-11;

*The University Council consists of the President and all members of the faculty with the rank of professor, associate professor, or assistant professor.

†On leave of absence.

Professor, 1911—Acting Dean College of Applied Science, 1924-29; Dean Graduate School, 1929—

AMOS N. MERRILL.....Professor of Secondary Education
Acting Dean of College of Education

B. S., Utah Agricultural College, 1896; M. S., University of Illinois, 1908; Ph. D., Stanford University, 1926; Professor of Agriculture, Brigham Young College, 1905-09; Professor of Agriculture, Brigham Young University, 1910-22; Dean of Church Teachers' College, 1917-23; Professor of Secondary Education and Supervisor of Secondary Training, 1924—

EDWARD H. HOLT.....Professor of Office Practice
Secretary of the Faculty

B. Pd., Brigham Young University, 1895; Assistant Professor of Business Education, 1895-1902; Professor of Business Education, 1902-21; Professor of Office Practice, 1921—

ALICE L. REYNOLDS.....Professor of English Literature

A. B., Brigham Young University, 1910; Graduate work, University of London, 1911; Two years Graduate work, European Universities; University of Chicago; University of California, 1923; Columbia University, 1932-33; Instructor in English, Brigham Young University, 1894-1911; Professor of English Literature, Brigham Young University, 1911—

CARL F. EYRING.....Professor of Physics and Mathematics
Dean of the College of Arts and Sciences

A. B., Brigham Young University, 1912; M. A., University of Wisconsin, 1915; Ph. D., California Institute of Technology, 1924; Assistant in Physics, University of Wisconsin, 1914-15; Assistant in Physics, California Institute of Technology, 1922-23; Acoustical Engineer, Bell Telephone Laboratories, 1929-31; Assistant in Physics, Brigham Young University, 1910-12; Instructor, 1912-14; Assistant Professor, 1915-17; Professor of Physics and Mathematics, 1917—; Dean of the College of Arts and Sciences, 1924—.

VILATE ELLIOTT.....Professor of Home Economics

B. Pd., Brigham Young University, 1895; Graduate work Pratt Institute; Student State Normal School Santa Barbara, California; University of Chicago; Study in Europe, 1924-25; Floating University, 1930-31; Professor of Home Economics, Brigham Young University, 1908—.

BENJAMIN F. CUMMINGS.....**Professor of Modern and Classical Languages**

A. B., University of Utah, 1913; Graduate work, University of Utah; University of Chicago; Stanford University; University of Paris; Instructor Modern Languages, Latter-day Saints University, 1910-12; 1914-20; Instructor Modern Languages, University of Utah, 1913-14; Professor of Modern and Classical Languages, Brigham Young University, 1920—.

FLORENCE JEPPEPERSON MADSEN.....**Professor of Music**

B. M., Chicago Musical College, 1926; M. M., 1927; Doctor of Music, Boguslawski College of Music, 1932; A. B., Brigham Young University, 1934; Graduate Work in Music, New England Conservatory of Music; Director, Vocal Department, Lasalle Seminary, Boston, 1911-16; Instructor in Vocal Art, L. D. S. School of Music and Weber College, 1916-18; Instructor in Music, Chicago Musical College, Summers of 1927-28; Brigham Young University, 1910-11; 1916-18; Professor of Music, 1920—.

THOMAS L. MARTIN.....**Professor of Agronomy and Bacteriology, Dean of the College of Applied Science**

A. B., Brigham Young University, 1912; Ph. D., Cornell University, 1919; Study in Europe, 1930; Principal, Big Horn Academy, 1912-15; Emery Stake Academy, 1916-17; Millard Academy, 1919-21; Instructor in Soils, Cornell University, 1917-19; Professor of Agronomy, Brigham Young University, 1921-35; Professor of Agronomy and Bacteriology, 1935—. Dean of the College of Applied Science, 1937—.

WILLIAM J. SNOW**Professor of History**

A. B., Brigham Young University, 1919; Ph. D., University of California, 1923; Principal, Uintah Stake Academy, 1906-08; Instructor in History, Brigham Young University, 1910-15; Assistant Professor of History, 1915-17; Professor of History, 1917—.

T. EARL PARDOE.....**Professor of Speech**

Graduate of Leland Powers School, 1913; A. B., Brigham Young University, 1925; M. A., University of Southern California, 1932; Graduate Work, Columbia University; Speech Correction, University of Southern California; Ph. D., University of Louisiana, 1936; Head of Department of Dramatic Art and Public Speaking, Weber Normal College, 1915-18; Associate Professor of Public Speaking and Dramatic

Art, Brigham Young University, 1920-22; Professor of Speech, 1922—.

M. WILFORD POULSON.....Professor of Psychology

A. B., Brigham Young University, 1914; M. A., University of Utah, 1919; Graduate work, University of Chicago, two years from 1916 to 1925; Assistant Professor of Education, Brigham Young University, 1916-19; Associate Professor of Education, 1919-22; Associate Professor of Psychology, 1922-23; Professor, 1923—.

VASCO M. TANNER.....Professor of Zoology and Entomology

A. B., Brigham Young University, 1915; M. A., University of Utah, 1920; Ph. D., Stanford University, 1925; Head of Department of Biology, Dixie College, 1916-18, 1920-24; Professor of Zoology and Entomology, Brigham Young University, 1925—.

**HERALD R. CLARK.....Professor of Finance and Banking
Dean of the College of Commerce**

A. B., Brigham Young University, 1918; M. B. A., University of Washington, 1924; Graduate Work, Ohio State University; Instructor in Accounting, Brigham Young University, 1913-17; Assistant Professor of Finance and Banking, 1917-27; Associate Professor of Finance and Banking, 1927-28; Professor, 1928—; Dean College of Commerce, 1934—.

PARLEY A. CHRISTENSEN.....Professor of English

B. S., Utah Agricultural College, 1914; A. M., Stanford University, 1925; Ph. D., Stanford University, 1927; Assistant Professor of English, Brigham Young College, 1917-25; Professor of English, Brigham Young College, 1925-26; Associate Professor of English, Brigham Young University, 1927-28; Professor, 1928—.

**GERRIT de JONG, JR.Professor of Modern Languages
Dean of College of Fine Arts**

A. B., University of Utah, 1920; M. A., 1925; Ph. D., Stanford University, 1934; Graduate Work, National University of Mexico; University of Munich; Stanford University; Instructor Murdock Academy, 1916-18; Instructor, Latter-day Saints University, 1919-25, Associate Professor of Modern Languages, Brigham Young University, 1925-29; Professor, 1929—; Dean of College of Fine Arts, Brigham Young University, 1925—.

GEORGE H. HANSEN.....Professor of Geology and Geography

B. S., Utah Agricultural College, 1918; M. S., George Washington University, 1925; Ph. D., George Washington University, 1927; Field Work with U. S. Geological Survey, Summers of 1918, 1925, 1926 in Utah, Colorado and New Mexico; Assistant Professor of Geology and Geography, Brigham Young University, 1927-29; Professor of Geology and Geography, 1929—.

**HARRISON VAL HOYT.....Professor of Accounting and
Business Administration**

Bachelor of Science (Engineering) Purdue University, 1913; M. B. A., Harvard Graduate School of Business Administration, 1917; Ph. D., Stanford University, (Graduate School of Business Administration) 1931; Professor of Accounting and Business Administration and Dean of the College of Commerce, Brigham Young University, 1921-31; Dean of Oregon State College School of Commerce, 1931-32; Dean and Director of the University of Oregon School of Business Administration and Commerce Work at the Oregon State College, 1932-36; Professor of Accounting and Business Administration, Brigham Young University, 1937—.

ELMER MILLER.....Professor of Economics

A. B., Stanford University, 1914; Graduate Work, Stanford University; University of Chicago; University of California; Instructor Dixie Normal College, 1911-12; Superintendent Alpine School District, 1922-25; Associate Professor of Economics, Brigham Young University, 1923-29; Professor of Economics, 1930—.

MILTON MARSHALL.....Professor of Physics

A. B., Brigham Young University, 1918; Ph. D., University of Chicago, 1924; Instructor of Physics, Brigham Young University, 1919-21; Assistant Professor, 1924-27; Associate Professor, 1927-30; Professor, 1930—.

GUY C. WILSON.....Professor of Religious Education

B. Pd., Brigham Young University, 1900; Graduate Work, Brigham Young University, University of Utah, University of Chicago, Columbia University; Instructor, Brigham Young University, 1896-97; Principal Juarez Stake Academy, 1897-1912; Teacher of Granite Seminary, 1913-15; President Latter-day Saints University, 1915-26; Supervisor of Religious Education, L. D. S. Department of Education, 1926—.

30; Professor of Religious Education, Brigham Young University, 1930—.

BENT F. LARSEN.....Professor of Art

A. B., Brigham Young University, 1912; M. A., University of Utah, 1922; Graduate Work, University of Chicago, Art Institute of Chicago, Academic Julian, Paris, Academie Colarossi, Paris, Academie de La Grande Chaumiere, Paris; Student in Europe for sixteen months, 1929-30, with George Elmer Brown Art Group and in the Academie Andre' L'Hote; Supervisor of Art, B. Y. U. Training School, 1908-12; Associate Professor of Art, 1912-31; Professor of Art, 1931—.

LEROY J. ROBERTSON.....Professor of Music

Graduate of New England Conservatory of Music, 1923; A. B., Brigham Young University, 1932; M. A., Brigham Young University, 1932; Study in Europe, 1932-33; Instructor of Music, Brigham Young University, 1924-26; Assistant Professor of Music, 1926-27; Associate Professor of Music, 1927-31; Professor of Music, 1931—.

**HARRISON R. MERRILL.....Professor of Journalism
Director of Extension Division**

B. S., Utah Agricultural College, 1916; M. S., Pulitzer School of Journalism, Columbia University, 1930; Graduate Work, Utah Agricultural College, Brigham Young University, Medill School of Journalism, Northwestern University, 1927; Instructor in English, Oneida Academy, 1912-20; Instructor in English, Brigham Young University, 1921-23; Assistant Professor, 1923-29; Associate Professor of English, 1930-31; Professor of Journalism, 1931— Director of Extension Division, 1936—.

FRANKLIN MADSEN.....Professor of Music

A. B., Brigham Young University, 1925; M. A., Brigham Young University, 1931; from the Chicago Musical College, Graduate Diploma, 1925; Teachers' Certificate in Vocal Art and Singing, 1927; B. M., 1926; M. M., 1927; B. M. E., 1928; Mus. Doc., 1929; M. M. E. (Master of Music Education), 1932; Honorary Doctor of Music Education from Boguslawski College of Music, 1933; Instructor Chicago Musical College, Summers of 1927-36, and the winter of 1927-28; Instructor in Music, Brigham Young University, 1920-24; Assistant Professor of Music, 1924-30; Associate Professor of Music, 1930-31; Professor of Music, 1931—.

**ASAEL C. LAMBERT.....Professor of Educational Administration
Dean of Summer Session**

B. S., Brigham Young University, 1925; M. S., 1926; Ph. D., Stanford University, 1935; Superintendent of Public Instruction, Fremont County, Idaho, 1923-24; Instructor, Brigham Young University, 1924-27; Principal, University High School, 1926-28; Assistant Professor of Secondary Teaching, 1927-32; Associate Professor, 1932-34; Professor of Educational Administration, 1934—. Dean Brigham Young University Summer Session, 1937—.

LAVAL S. MORRIS.....Professor of Landscape Architecture

B. S., Utah Agricultural College, 1923; M. S., Michigan State College, 1926; Graduate Work, University of Southern California, Cornell University, Harvard University, 1930-33; Instructor in Horticulture, Brigham Young University, 1923-26; Assistant Professor, 1926-31; Associate Professor, 1931-34; Professor of Landscape Architecture, 1934—.

EFFIE WARNICKProfessor of Home Economics

B. S., Utah Agricultural College, 1914; Graduate Work, Columbia University, University of California, University of Chicago, Iowa State College; Instructor, Branch Agricultural College, 1914-15; Instructor in Foods and Nutrition, Brigham Young University, 1922-23; in Household Administration, 1923-27; Assistant Professor, 1927-30; Associate Professor, 1930-35; Professor, 1935—.

**A. REX JOHNSON.....Professor of Marketing
Dean of Men**

B. S., Brigham Young University, 1924; Ph. D., George Washington University, 1935; Senior Economist, U. S. Civil Service Commission, 1930-34; Instructor in Office Practice, Brigham Young University, 1924-31; Assistant Professor of Economics, 1933-34; Associate Professor of Marketing, 1934-35; Professor of Marketing, 1935—; Dean of Men, 1937—.

J. MARINUS JENSEN.....Professor of English

A. B., Brigham Young University, 1912; M. A., University of Chicago, 1919; Graduate Work, University of California, Stanford University, Columbia University; Instructor in English, Brigham Young University, 1910-19; Assistant Professor of English, 1919-21; Associate Professor, 1921-1936; Professor of English, 1936—.

GEORGE STEWART.....Special Professor of Agronomy

B. S., Utah State Agricultural College, 1913; M. S., Cornell University, 1918; Ph. D., University of Minnesota, 1926; Professor of Agronomy, U. S. A. C., 1919-30; Senior Ecologist, Branch Research U. S. Forest Service, 1930—; Special Professor of Agronomy, Brigham Young University, 1932—.

LLOYD L. CULLIMORE.....Medical Director

B. S., University of Utah, 1922; M. D., George Washington Medical College, 1925; Instructor in Physiology, George Washington Medical College, 1925-26; Instructor in Health Education, Brigham Young University, 1927; Assistant Medical Director, 1928-29; Medical Director, 1929—.

HERMESE PETERSON.....Professor of Elementary Education

B. S., Brigham Young University, 1928; Graduate work, Brigham Young College, Utah Agricultural College, Columbia University, University of Utah, University of California, University of Chicago; Primary Supervisor of Alpine School District, 1908-12; Study in Europe, 1928; Critic Teacher, Brigham Young University Training School, 1912-20, Primary Supervisor, 1920-23; Assistant Professor of Elementary Teaching, 1923-35; Associate Professor, 1935-36; Professor of Elementary Education, 1936—.

WILLIAM H. BOYLE.....Professor of Elementary Education

A. B., Brigham Young University, 1913; M. A., 1923; Graduate work, University of California, University of Southern California; Principal, Brigham Young University High School, 1910-26; Assistant Professor of Elementary Education, 1923-35; Associate Professor, 1935-36; Professor of Elementary Education, 1936—.

L. WESTON OAKS.....Associate Medical Director

M. D., Jefferson Medical College, 1919; Graduate work, Colorado Congress Otolaryngology, Denver, Summers of 1923, 1924, and 1925; Assistant Medical Director, Brigham Young University, 1924-1925; Medical Director, 1925-29; Associate Medical Director, 1929—.

ROBERT SAUER.....Associate Professor of Music

Graduate of Music School of Dresden, Germany; Student Siegel Meyer Music Conservatory of Chicago, 1905; Instructor of Music, Brigham Young University,

1905-20; Assistant Professor of Music, 1920-24; Associate Professor of Music, 1924—.

JOSEPH SUDWEEKS.....Associate Professor of Educational Administration

B. S., University of Idaho, 1912; M. A., University of Chicago, 1920; Ph. D., University of Wisconsin, 1925; Instructor and Supervisor of Training, U. S. Veterans' Bureau, University of Idaho, 1920-23; Assistant in Department of Education, University of Idaho, 1920-21; Assistant Professor of Educational Administration, Brigham Young University, 1925-27; Associate Professor, 1927—.

CLARENCE S. BOYLE*.....Associate Professor of Accounting and Business Administration

B. S., Brigham Young University, 1924; M. S. in Retailing, New York University, 1926; Graduate work, New York University, 1926-27; Associate Professor of Accounting and Business Administration, Brigham Young University, 1927—.

WAYNE B. HALES.....Associate Professor of Physics and Mathematics

A. B., Brigham Young University, 1916; M. A., University of Utah, 1922; Ph. D., California Institute of Technology, 1926; Instructor in Physics, Ricks College, 1916-21; President Snow College, 1921-24; Professor of Physics, Weber College, 1926-30; Associate Professor of Physics, Brigham Young University, 1930—.

SIDNEY B. SPERRY.....Associate Professor of Religious Education

A. B., University of Utah, 1917; M. A., University of Chicago, 1926; Ph. D., University of Chicago, 1931; Graduate work, American School of Oriental Research, Jerusalem, Palestine; Principal American Fork Seminary, 1922-24; Weber Seminary, 1924-25; Moroni Seminary, 1925-26; Pocatello Seminary and Institute, 1927-28; Director L. D. S. Institute, Moscow, Idaho, 1929-31; Associate Professor, Brigham Young University, 1932—.

ED. M. ROWE.....Associate Professor of English

A. B., Brigham Young University, 1923; Graduate work, Utah Agricultural College, Brigham Young

*On leave of absence.

University, University of Chicago, University of Wales, 1931-33; Principal, Spanish Fork High School, 1910-12; Instructor in English, Brigham Young University, 1924-27; Assistant Professor, 1927-35; Associate Professor, 1935—.

**WILMA JEPPSON....Associate Professor of Physical Education
for Women**

B. S., Brigham Young University, 1927; M. S., Columbia University, 1930; Graduate work, University of California, University of Wisconsin, Columbia University, New York University; Study Tour of Europe, 1932-33; Instructor in Physical Education for Women, Brigham Young University, 1923-30; Assistant Professor, 1930-35; Associate Professor, 1935—.

ALONZO J. MORLEY.....Associate Professor of Speech

A. B., Brigham Young University, 1925; M. A., Brigham Young University, 1931; Ph. D., University of Iowa, 1935; Teacher of Public Speaking and Dramatic Art, Uintah County High School, 1925-26; Head of Speech Department, Weber County High School, 1926-27; Instructor in Speech, Brigham Young University, 1928-30; Assistant Professor, 1930-35; Associate Professor, 1935—.

WILLIAM H. SNELL.....Associate Professor of Mechanic Arts

A. B., Brigham Young University, 1918; Graduate work, Bradley Polytechnic Institute, Brigham Young University; Instructor in English, Brigham Young University, 1915-17; Instructor in Woodwork, 1916-21; Assistant Professor of Mechanic Arts, 1921-36; Associate Professor of Mechanic Arts, 1936—.

JOSEPH K. NICHOLS.....Associate Professor of Chemistry

A. B., Brigham Young University, 1916; M. A., Stanford University, 1924; President, Dixie College, 1919-23, and 1926-33; Assistant Professor of Chemistry, Brigham Young University, 1933-36; Associate Professor of Chemistry, 1936—.

**CHARLES J. HART....Associate Professor of Physical Education
and Athletics**

B. S., Utah Agricultural College, 1922; M. A., New York University, 1932; Graduate work, Utah Agricultural College, University of Wisconsin; Instructor Teton High School, 1923-25; Instructor in Physical Education and Athletics, Brigham Young University, 1925-27; Assistant Professor, 1927-37; Associate Professor of Physical Education, 1937—.

- H. GRANT IVINS**.....Associate Professor of Animal Husbandry
B. S., Utah State Agricultural College, 1917; Instructor in Animal Husbandry, Brigham Young University, 1929-31; Assistant Professor, 1931-37; Associate Professor of Animal Husbandry, 1937—.
- KARL E. YOUNG**.....Associate Professor of English
B. S., Utah State Agricultural College, 1924; B. A. and M. A., Oxford University, 1934; Graduate work at Harvard University; Instructor in English, Brigham Young University, 1930-31; Assistant Professor of English, 1932-37; Associate Professor of English, 1937—.
- SETH T. SHAW**.....Associate Professor of Horticulture
B. S., Utah State Agricultural College, 1931; M. A., Utah State Agricultural College, 1932; Graduate work, University of Missouri, 1936-37; Instructor in Horticulture, Brigham Young University, 1931-34; Assistant Professor, 1934-37; Associate Professor of Horticulture, 1937—.
- BERTRAND F. HARRISON**.....Associate Professor of Botany
B. S., Brigham Young University, 1930; M. S., Brigham Young University, 1931; Graduate work, University of Chicago; Graduate Assistant in Botany, University of Chicago, 1936-37; Assistant in Botany, Brigham Young University, 1930-31; Instructor in Botany, 1931-35; Assistant Professor, 1935-37; Associate Professor of Botany, 1937—.
- IDA SMOOT DUSENBERRY**.....Assistant Professor of Psychology
B. Pd., Brigham Young University, 1905; B. S., Brigham Young University, 1937; Graduate Chaurecey Hall College, Boston, 1908; Graduate Emerson College of Oratory, Boston, 1909; Graduate work, Pestalozzi Froebel House, Berlin, Germany; Columbia University, University of Washington, University of California; Study in Europe, 1919-20; Director of Kindergarten Training, Brigham Young University, 1910-21; Assistant Professor, Floating University, 1930-31; Assistant Professor of Psychology, Brigham Young University, 1921—.
- EMMA BROWN**.....Assistant Professor of Elementary Education
B. S., Columbia University, 1924; M. A., Columbia University, 1934; Graduate work, University of Chicago; Study in Europe, 1928; Critic Teacher, University of Utah, 1908-10; Primary Supervisor, Box Elder County,

1913-15; Nebo School District, 1917-22; Primary Supervisor Brigham Young University Training School, 1923-25; Assistant Professor of Elementary Education, 1925—.

EDGAR M. JENSON.....Assistant Professor of Educational Administration, Director of Training Schools

A. B., Brigham Young University, 1916; M. A., Brigham Young University, 1919; Graduate work, Stanford University; Head of Department of Education, Dixie College, 1919-23; President, Dixie College, 1923-26; Instructor, Brigham Young University, 1927-28; Assistant Professor in Educational Administration and Principal University High School, 1928-35; Director of Training Schools, 1930—.

WILLIAM F. HANSON*.....Assistant Professor of Music

Music Diploma, Brigham Young University, 1907; Teacher's Certificate, Chicago Musical College, 1924; Private work with Xaver Schaswenka, Maurice Aronson, Felix Borowski, Dr. Carl Busch, and H. B. Maxyott, 1924; Supervisor High School Music, Vernal, 13 years; Supervisor Public School Music, Brigham Young University, 1924-25; Instructor in Music, 1926-31; Assistant Professor, 1931—.

RUSSEL SWENSEN.....Assistant Professor of Religious Education

A. B., Brigham Young University, 1926; M. A., University of Chicago, 1931; Ph. D., University of Chicago, 1934; Principal L. D. S. Seminary, Mesa, Arizona, 1926-27; Principal L. D. S. Seminary at Kamas, Utah, 1927-28; Principal L. D. S. Seminary at Hurricane, 1928-30; Assistant Professor of Religious Education, Brigham Young University, 1933—.

LOREN C. BRYNER.....Assistant Professor of Chemistry

B. S., Brigham Young University, 1928; M. S., Brigham Young University, 1930; Ph. D., Iowa State College, 1934; Assistant in Chemistry at Brigham Young University, 1928-30; Graduate Assistant in Chemistry at Iowa State College, 1930-35; Research Fellow at Iowa State College, Summers of 1931 and 1932; Assistant Professor of Chemistry, Brigham Young University, 1935—.

ELSIE C. CARROLL.....Assistant Professor of English

B. S., Brigham Young University, 1926; M. S., Brigham Young University, 1928; Student, Cornell Uni-

*On leave of absence.

versity, University of Chicago, Stanford University; Head of English Department, Kanab High School, 1917-18; Provo High School, 1919-20; Instructor in English, Brigham Young University, 1926-36; Assistant Professor of English, 1936—.

HUGH W. PETERSON.....Assistant Professor of Chemistry

A. B., 1916, M. A., 1928, Brigham Young University; Ph. D., University of Iowa, 1936; Teacher in High Schools of Wyoming and Utah, 1917-27; Instructor in Chemistry, Brigham Young University, 1927-36; Assistant Professor of Chemistry, 1936—.

BILLIE HOLLINGSHEAD.....Assistant Professor of Education

A. B., Texas State College for Women, 1922; M. A., Brigham Young University, 1929, Ph. D., University of Southern California, 1935; Instructor Valdez High School, Valdez, Alaska, 1922-23; Instructor in Star Valley High School, 1924-26; Instructor in Kohala High School, Kohala, Hawaii, 1927-28; Instructor in Brigham Young University High School, 1929-36; Assistant Professor of Education, 1936—.

IRENE S. BARLOW.....Assistant Professor of Home Economics

B. S., Utah State Agricultural College, 1919; M. S., University of Chicago, 1934; Instructor in Home Economics, Brigham Young University, 1934-36; Assistant Professor of Home Economics, 1936—.

**REUBEN D. LAW.....Assistant Professor of
Elementary Education**

B. S., Utah State Agricultural College, 1928; M. S., Utah State Agricultural College, 1933; Graduate work, University of Southern California; Superintendent of Schools, Rich County School District, 1929-35; Instructor in Education, Utah State Agricultural College, Summer Session, 1933; Superintendent of Schools, Duchesne County School District, 1935-36; Assistant Professor of Elementary Education, Brigham Young University, 1936—.

**EDWIN R. KIMBALL.....Assistant Professor of Physical
Education and Athletics**

B. S., Brigham Young University, 1926; M. S., University of Southern California, 1935; Instructor in Physical Education and Athletics, Millard County High School, 1926-27; Instructor in Mathematics and Athletic Director in Grand County High School, 1927-30; Instructor in Physical Education and Athletics, Jordan High School, 1931-35; Instructor in Physical

Education and Athletics, Brigham Young University, 1935-37; Assistant Professor and Coach, 1937—.

GLADYS D. BLACK.....Assistant Professor of English

Ph. B., University of Chicago, 1924; M. A., Columbia University, 1930; Instructor in English, Provo High School, 1924-26; Instructor in English, Central High School, Springfield, Illinois, 1927-28; Instructor in English, Brigham Young University, 1928-37; Assistant Professor of English, 1937—.

GOLDEN L. WOOLF.....Assistant Professor of Secondary Education, Principal, University High School

A. B., Brigham Young University, 1934; M. A., Brigham Young University, 1936; Instructor in Languages, Brigham Young University, 1934-35; Instructor in Secondary Education, 1935-37; Assistant Professor of Secondary Education, 1937—; Principal, University High School, 1935—.

CARLTON CULMSEE.....Assistant Professor of Journalism and Secretary Extension Division

B. S., Brigham Young University, 1932; Graduate work, University of Southern California; Secretary Extension Division, 1932; Instructor in Journalism, Brigham Young University, 1933-37; Assistant Professor of Journalism, 1937—.

WESLEY P. LLOYD.....Assistant Professor of Philosophy of Education

B. S., Brigham Young University, 1927; M. S., 1933; Ph. D., University of Chicago, 1937; Instructor in Social Sciences, Edmunds High School, 1927-29; Principal, 1929-30; Principal L. D. S. Seminary at Grace, Idaho, 1930-31; Principal L. D. S. Seminary at Oakley, Idaho, 1931-34; Research Fellow, University of Chicago, 1936-37; Instructor in Education, Brigham Young University, Summer, 1935; Assistant Professor of Philosophy of Education, 1937—.

JOHN E. HAYES.....Registrar

B. S., Brigham Young University, 1924; Instructor, Brigham Young University, 1903—; Registrar, 1904—.

ANNA OLLORTON.....Librarian

A. B., Brigham Young University, 1913; Graduate work, University of Chicago, University of Utah, Chautauqua Summer School, Columbia University; Assistant Librarian, Brigham Young University, 1919-23; Acting Librarian, 1923-31; Librarian, 1931—.

KIEFER B. SAULS.....Secretary to the President
Purchasing Agent

B. S., Utah State Agricultural College, 1920; Graduate work, Utah State Agricultural College; Secretary to Director, Utah Agricultural Experiment Station, 1917-21; Secretary to President and Purchasing Agent, Brigham Young University, 1921—.

NETTIE NEFF SMART.....Dean of Women

B. S., Brigham Young University, 1933; Student, Cornell University, 1907-09; Instructor Brigham Young University Training School, 1904-05; Instructor, Provo High School; Dean of Women, 1925—.

PERCIVAL P. BIGELOW.....Instructor in Auto Mechanics

Student University of Michigan, Brigham Young University; Head Mechanic, Utah Packard Motor Company, 1916; Foreman, Superior Motor Co., 1917-18; Mechanic, Hudson Motor Car Company Detroit, 1919; Instructor in Auto Mechanics, Brigham Young University, 1919—.

BERTHA ROBERTS.....Instructor in French

A. B., Brigham Young University, 1926; Graduate work, University of Chicago, 1929; Diploma University of Paris, 1933-34; Instructor, Wasatch High School, 1918-19; Instructor in Office Practice, Brigham Young University, 1919-33; Instructor in French, 1934—.

NEWBURN I. BUTT.....Library and Research Assistant

B. S., Utah Agricultural College, 1915; Graduate work, Utah State Agricultural College; Assistant Agronomist, Utah Agricultural College, 1915-18; Library and Research Assistant, Brigham Young University, 1922—.

STELLA P. RICH.....Instructor in English

B. S., Brigham Young University, 1926; Instructor in the Public Schools of Utah and Idaho, 1911-27; Student, University of Chicago; Instructor in English, Brigham Young University, 1927—.

ELLA LARSEN BROWN.....Assistant Librarian

Student Cook County Normal School; Columbia University; Primary Supervisor, Utah County Schools, 1900-1902; Director Brigham Young University Training School, 1902-1908; Assistant Librarian, Brigham Young University, 1923—.

FRED W. DIXON.....Instructor in Physical
Education and Athletics

B. S., Brigham Young University, 1926; Instructor in Physical Education and Athletic Director at Weber County High School, 1926-28; Graduate work, Utah Agricultural College; Instructor in Physical Education and Athletics, Brigham Young University, 1928—.

C. LAVOIR JENSEN.....Instructor in Mathematics

Student Brigham Young College and University of Utah; Instructor, Logan High School, 1915-16; Principal, Midvale Schools, 1917-21; Instructor, Brigham Young University High School, 1921—.

CARMA BALLIF....Instructor in Physical Education for Women
Assistant in Treasurer's Office

B. S., Brigham Young University, 1927; Graduate work, University of Wisconsin; Assistant in Secretary's Office, 1927—; Instructor in Physical Education for Women, 1934—.

MARGARET SUMMERHAYS.....Instructor in Music

A. B., Brigham Young University, 1936; Graduate of New England Conservatory of Music, 1916; Student of Frederick H. Haywood, Mme. Sophie Cehanovske, Edmund G. Meyer; Special Instructor in Music at Brigham Young University, 1927-29; Instructor in Music, 1930—.

W. ELMO COFFMAN.....Instructor in Geography

B. S., Utah State Agricultural College, 1920; M. S., Brigham Young University, 1932; Graduate work, Ohio State University, 1935-36; Instructor in Payson High School, 1920-21; Instructor in Springville High School, 1921-28; Principal, Minersville High School, 1928-29; Instructor in Geography, Brigham Young University, 1929—.

EDNA SNOWInstructor in Botany

B. S., Brigham Young University, 1924; M. S., Brigham Young University, 1931; Graduate work, University of California and Columbia University; Instructor in Science, Brigham Young University, 1929-1936; Instructor in Botany, 1937—.

C. LYNN HAYWARD.....Instructor in Zoology

B. S., Brigham Young University, 1927; M. S., Brigham Young University, 1931; Instructor in Fielding High School, 1927-30; Assistant in Zoology, Brigham Young University, 1930-31; Instructor, 1931—.

- GUSTAVE BUGGERT**Instructor in Music
Graduate of Music School of Madgeburg, Germany;
Instructor in Music, Brigham Young University,
1930—.
- MAY BILLINGS**.....Instructor in Home Economics
B. S., Brigham Young University, 1933; Student of
Columbia University, Utah State Agricultural College,
University of California, Colorado Agricultural Col-
lege, University of Utah; Instructor in Clothing,
Latter-day Saints University, 1920-31; Instructor in
Home Economics, Brigham Young University, 1932—.
- ALINE COLEMAN SMITH**.....Instructor in Physical Education
for Women
B. S., Brigham Young University, 1933; Graduate
work, University of Wisconsin; Assistant in Physical
Education for Women, Brigham Young University,
1929-32; Instructor, 1932—.
- MAY C. HAMMOND**.....Supervisory Teacher in Elementary
Training School
B. S., Brigham Young University, 1934. Student at
University of California and Columbia University;
Instructor in Provo City Schools, 1923-25; Supervisory
Teacher in Brigham Young University Training
School, 1925—.
- GEORGIA MAESER**.....Supervisory Teacher in Elementary
Training School
B. S., Brigham Young University, 1928; Graduate
work, Columbia University, Supervisory Teacher in
Brigham Young University Training School, 1926—.
- GLADYS KOTTER**.....Supervisory Teacher in Elementary
Training School
B. S., Brigham Young University, 1930; M. S., Co-
lumbia University, 1935; Supervisory Teacher, Brig-
ham Young University Training School, 1927—.
- FLORA D. FISHER**.....Supervisory Teacher in Elementary
Training School
B. S., Brigham Young University, 1936; Instructor
in Utah State Industrial School, 1911; Instructor in
Fillmore Public Schools, 1921-28; Instructor in
Maori Agricultural College, New Zealand, 1919-21;
Instructor in Provo City Schools, 1929-1933; Super-
visory Teacher in Brigham Young University Training
School, 1933—.

- ALVA J. JOHANSON***.....**Instructor in Chemistry**
A. B., Brigham Young University, 1931; M. A., Brigham Young University, 1934; Assistant in Chemistry, Brigham Young University, 1931-1934; Instructor in Chemistry, 1934—.
- WILFORD D. LEE**.....**Instructor in English**
A. B., Brigham Young University, 1934; Instructor in English, Brigham Young University, 1934—.
- O. MEREDITH WILSON**.....**Instructor in History**
A. B., Brigham Young University, 1934; Graduate work, University of London, 1936-37; Assistant in History, Brigham Young University, 1934-35; Instructor in History, 1935—.
- JULINA SMITH**.....**Assistant Librarian**
A. B., Brigham Young University, 1931; M. A., Brigham Young University, 1932; Graduate work, University of Utah, University of Oregon; Assistant Librarian, Brigham Young University, 1935—.
- JOHN H. SMITH**.....**Instructor in Economics**
B. S., University of Pennsylvania, 1929; Assistant to General Manager in charge of Production Control, Schlage Lock Company, San Francisco, California, 1929-33; Sales and Merchandising, Liver Brothers Company, Salt Lake City, 1933-35; Instructor in Economics, Brigham Young University, 1935—.
- HAROLD T. CHRISTENSEN**.....**Instructor in Sociology**
B. S., Brigham Young University, 1935; M. A., Brigham Young University, 1937; Assistant in Sociology, Brigham Young University, 1935-36; Instructor, Brigham Young University, 1936—.
- VIRGINIA BOOTH POULSON**.....**Instructor in Home Economics**
B. S., Brigham Young University, 1931; Instructor in Millard County High School, 1931-34; Instructor in Juab High School, 1934-35; Instructor in Home Economics, Brigham Young University, 1935—.
- J. VERNAL STIMPSON**.....**Instructor in English**
A. B., Brigham Young University, 1928; Graduate work, Brigham Young University, summers of 1929, '31, '33; Graduate work, Stanford University, 1934-35; Instructor in English, Juab High School, 1928-

*On leave of absence.

34; Instructor in English, Provo High School, 1935-36; Instructor in English, Brigham Young University, 1936—.

IRENE OSMOND.....Instructor in Modern Languages

A. B., Brigham Young University, 1929; M. A., Stanford University, 1934; Graduate work, Stanford University, 1934-36; Instructor in Modern Languages, Jordan High School, 1929-33; Instructor in Modern Languages, Brigham Young University, 1936—.

ANGELYN WARNICK.....Instructor in Home Economics

B. S., Brigham Young University, 1930; Graduate work, University of Washington, Utah State Agricultural College; Instructor in Home Economics, Payson Junior High School, 1930-34; in Springville High School, 1934-36; Instructor in Home Economics, Brigham Young University, 1936—.

ELDON DENNIS.....Instructor in Geology

A. B., Brigham Young University, 1929; M. A., Brigham Young University, 1931; Graduate work, Stanford University, 1932-1935; Assistant in Geology, Brigham Young University, 1935-1936; Instructor in Geology, Brigham Young University, 1936—.

JOHN R. HALLIDAY.....Instructor in Music

A. B., Brigham Young University, 1935; M. A., Brigham Young University, 1936; Student State Academy of Music in Berlin, 1933-1934; Graduate work, University of California, 1937; Assistant in Music, Brigham Young University, 1934-1936; Instructor in Music, Brigham Young University, 1936—.

JOHN H. WING.....Instructor in Chemistry

B. S., Brigham Young University, 1926; M. S., Brigham Young University, 1934; Graduate work, University of Colorado; Chemist for Columbia Steel Company, 1926-1927; Assistant Chief Chemist, Columbia Steel Company, 1927-1929; Chemist for the International Smelting and Refining Company, 1929-1931; Assistant in Chemistry, Brigham Young University, 1931-1937; Instructor in Chemistry, Brigham Young University, 1937—.

THOMAS L. BROADBENTInstructor in German

A. B., Brigham Young University, 1936; M. A., Brigham Young University, 1937; Assistant in German, Brigham Young University, 1934-1936; Instructor in German, Brigham Young University, 1936—.

ANTONE W. NISSON.....Instructor in Science

A. B., Brigham Young University, 1935; Graduate work, Brigham Young University, 1935-1937; Assistant in Science, Brigham Young University, 1935-1936; Instructor in Science, Brigham Young University, 1936—.

AARON W. TRACYInstructor in English

A. B., Brigham Young University, 1919; Two and one-half years Graduate work, University of Chicago; Principal of Public Schools in Weber County, 1907-1910, 1911-1912, 1914-1917; Principal of Public Schools in Box Elder District, 1912-1913; Head of the English department, Weber College, 1919-1922; President Weber College, 1922-1935; Instructor in English, Brigham Young University, 1936—.

EVAN M. CROFT.....Instructor in Office Practice

B. S., Brigham Young University, 1929; Graduate work University of Chicago, and University of California; Instructor in Commercial Education, University of Southern California, Summer of 1934; Instructor in Commercial subjects Lehi High School, 1929-1936; Instructor in Office Practice, Brigham Young University, 1936—.

ILEEN ANN WASPE.....Instructor in Office Practice

Instructor in Office Practice, L. D. S. High School and Business College, 1927-1929; Assistant in Office Practice, Brigham Young University, 1934-1936; Instructor in Office Practice, Brigham Young University, 1937—.

VERLA L. BIRRELL.....Instructor in Art

B. S. University of Utah, 1928; Student Chicago Academy of Fine Arts, 1930; Research work Columbia University, 1931; Student at Art Students' League, New York, 1931; at Art Institute, Chicago, 1932; study and travel in Europe, 1935; Instructor in Payson High School, 1927-1929; Instructor in Irving High School, Salt Lake City, 1929-1937; Instructor in Art, Brigham Young University, 1937—.

MORRIS M. CLINGER.....Instructor in Speech

A. B., Brigham Young University, 1932; Instructor in Speech and English, Richfield High School, 1932-1936; Assistant in Speech, Brigham Young University, 1936-1937; Instructor in Speech, Brigham Young University, 1937—.

FLOYD MILLET.....Instructor in Physical Education and
Assistant Athletic Coach

A. B., Brigham Young University, 1933; Graduate work, Brigham Young University, Utah Agricultural College, University of Southern California; Instructor in Physical Education and Athletics, Davis County High School, 1934-1937; Instructor in Physical Education and Assistant Athletic Coach, Brigham Young University, 1937—.

JACK R. GIBB.....Instructor in Psychology

A. B., Brigham Young University, 1936; M. A., Brigham Young University, 1937; Graduate work, Stanford University; Instructor in Psychology, Brigham Young University, 1937—.

NAOMI RICH.....Assistant Librarian

B. S., Brigham Young University, 1931; Certificate in Library Science, Riverside Library Service School, 1932; Librarian and Instructor in Office Practice, Bear River High School, 1927-1930; Librarian, Snow College, 1933-1937; Assistant Librarian, Brigham Young University, 1937—.

FARRIS L. EDGLEY.....Instructor in Music

A. B., Brigham Young University, 1936; Assistant in Vocal Music, Brigham Young University Training School, 1936-1937; Instructor in Brigham Young University Training School, 1937—.

MARY MCGREGORInstructor in Music

A. B., Brigham Young University, 1936; Assistant in Vocal Music, Brigham Young University Training School, 1936-1937; Instructor in Vocal Music, Brigham Young University Training School, 1937—.

L. ELLIOTT TUTTLE.....Supervisory Teacher Elementary
Training School

Instructor in Provo City Schools, 1932-1936; Supervisory Teacher, Brigham Young University Training School, 1936—.

LOLA C. JENSEN.....Supervisory Teacher in Elementary
Training School

B. S., Brigham Young University, 1937; Instructor, Logan City Schools, 1930-1931; Instructor in Nephi Public Schools, 1931-1936. Supervisory Teacher Brigham Young University Training School, 1936—.

JOSEPHINE STRONG.....Supervisory Teacher in Elementary Training School

Student University of Utah and San Francisco State Teachers College; Instructor in Salt Lake City Schools, 1922-1923; Supervisor Chinatown Nursery School, San Francisco, California, 1934-1937; Supervisory Teacher Brigham Young University Training School, 1936—.

ARTHUR GAETHInstructor in History

Student of Political Science and European history in Europe, 1929-36; member of Executive Board of American Institute of Czechoslovakia, 1934-36; Instructor in History, Brigham Young University, 1937—.

HARRY SUNDWALL.....Instructor in Office Practice

B. S., Brigham Young University, 1934; Graduate work University of California; Graduate Gregg School, Chicago, 1936; Instructor in commercial subjects, North Sanpete High School, 1934-36; Instructor in Shorthand and Typewriting, Richfield High School, 1936-1937; Instructor in Office Practice, Brigham Young University, 1937—.

ANDREW A. ANDERSON.....Special Instructor in Scouting

Scout Executive National Parks Council; Special Instructor in Scouting, Brigham Young University, 1930—.

BARR C. MILLERAssistant in Treasurer's Office

B. S., Brigham Young University, 1934; Assistant in Treasurer's Office, 1934—.

MARJORIE SEEGMILLER.....Assistant in President's Office

B. S., Brigham Young University, 1936; Assistant in President's Office, Brigham Young University, 1934—.

JOSEPH J. KEELER.....University Organist

Instructor in Piano and Organ, 1935—.

DONALD OLSEN.....Assistant in Music

B. S., Brigham Young University, 1935; Assistant in Music, Brigham Young University Training Schools, 1936—.

EDMUND A. RICHARDSON.....Assistant in Spanish

A. B., University of Arizona, 1928; Head of Spanish Department, Patagonia Union High School, Arizona, 1929-35; Graduate work, University of Arizona and Brigham Young University; Assistant in Spanish, Brigham Young University, 1935—.

- D. DREW JORGENSEN.....Assistant in Zoology
 B. S., Brigham Young University, 1927; M. S., Brigham Young University, 1928; Junior Entomologist, United States Bureau of Entomology, 1929-32; Graduate work, Stanford University, summer, 1935; Assistant in Zoology, Brigham Young University, 1935—.
- THOMAS PETERSON.....Specialist, Extension Division
 Secretary, Bureau of Visual Instruction, Brigham Young University, 1936—.
- MARY HAWKERClerk of Extension Division
 Clerk of Extension Division, Brigham Young University, 1936—.
- KENNETH ALLREDAssistant in Mathematics
 Assistant in Mathematics, Brigham Young University, 1937—.
- DAVID M. CROWTON.....Assistant in Physical Education
 and Athletics
 Assistant in Physical Education and Athletics in Brigham Young University Training Schools, 1937—.
- BRIGHAM T. HIGGS.....Superintendent Buildings and Campus
- KARL MILLER,Assistant Superintendent
 Buildings and Campus
- MORRIS SNELL, B. S.....Mechanic, in charge of Repairs
- RODNEY KIMBALL.....Custodian of Athletic Equipment

SPECIAL INSTRUCTORS

- ELMER NELSON, Instructor in Piano.
- HANNAH C. PACKARD, Special Instructor in Vocal Music.
- GEORGE W. FITZROY, Special Instructor in Piano.

STANDING COMMITTEES

The President is ex-officio a member of all committees.

Admission and Credits—J. E. Hayes, L. C. Bryner.

Aiding Graduates to Obtain Employment—E. M. Jenson, H. V. Hoyt, the Deans.

Alumni Directory—A. R. Johnson, Julina Smith, J. R. Gibb.

Athletics—P. A. Christensen, J. W. Knight, H. R. Merrill, K. B. Sauls, H. G. Ivins, President of Student Body, President of Alumni Association, C. L. Jensen, Manager of Athletics, E. R. Kimball.

Attendance and Scholarship—W. H. Boyle, T. L. Martin, Joseph K. Nicholes, May Billings.

Awards and Prizes—T. E. Pardoe, J. R. Halliday, C. J. Hart, Verla Birrell.

Campus—L. S. Morris, B. F. Harrison, B. F. Larsen.

Care of Girls' and Women's Activities—Dean of Women, Effie Warnick, Hermese Peterson, Ileen Waspe, Irene S. Barlow.

Catalogue and Other Quarterlies—E. H. Holt, J. E. Hayes, K. B. Sauls, N. I. Butt.

Debating—O. M. Wilson, A. C. Lambert, C. Jensen, Elmer Miller, A. J. Morley, H. T. Christensen, A. W. Tracy.

Eligibility—Milton Marshall, H. G. Ivins, J. E. Hayes.

Graduation—B. F. Cummings, Joseph Sudweeks, R. D. Law, E. M. Rowe.

Lectures and Musicals—J. C. Swenson, H. R. Clark.

Library—Alice L. Reynolds, M. W. Poulson, W. J. Snow, S. B. Sperry, J. V. Stimpson, Librarian.

Personnel—C. S. Boyle, Russell Swenson, W. P. Lloyd, R. D. Law, G. L. Woolf, A. C. Lambert.

Petitions—S. T. Shaw, V. M. Tanner, Gladys D. Black.

Publicity—H. R. Merrill, E. H. Holt, K. B. Sauls, J. M. Jensen, Carlton Culmsee, Elsie C. Carroll.

Schedule of Events—Marjorie Seegmiller, G. de Jong.

Schedule of Classes—E. H. Holt, N. I. Butt, Edna Snow.

Social Affairs—Elmer Miller, G. H. Hansen, Dean of Men, Dean of Women, Wilma Jeppson, K. E. Young, J. H. Smith.

Social Units—G. H. Hansen, G. de Jong, Thomas Broadbent, Wilma Jeppson, Registrar, Dean of Women, Dean of Men, and Student Representatives.

Student Accommodations—W. B. Hales, W. H. Snell, P. P. Bigelow, Dean of Women, Thomas Broadbent, Floyd Millett.

Student Aid and Employment—Dean of Men, Dean of Women, Kiefer B. Sauls, Russell Swenson.

Student Publications—C. Culmsee, B. F. Larsen, Irene Osmond, Naoma Rich.

University History—Alice L. Reynolds, J. M. Jensen, Ella L. Brown, N. I. Butt, Elsie C. Carroll. !

Historical

The Brigham Young University, formerly designated the Brigham Young Academy, was founded by a deed of trust executed by President Brigham Young, October 16, 1875.

It is in charge of twelve trustees, elected triennially, by the vote of the Latter-day Saints, acting through the First Presidency of the Church of Jesus Christ of Latter-day Saints.

For many years it was dependent upon fees and the proceeds of the original endowment for its maintenance, but in recent years an annual church appropriation has been the chief source of its financial support.

Buildings. The first home of the institution was a mercantile building, standing on the present location of the Farmers and Merchants Bank.

Subsequently, this building, with several additions, was destroyed by fire. The school, however, resumed its sessions with the loss of but one day. The basement of the Stake Tabernacle, a store, and the First National Bank building, housed the school for a short time.

From these temporary quarters it moved into the upper story of the Z. C. M. I. warehouse, at the corner of Sixth South street and University avenue. This was the home of the school for seven years.

In 1891 the school moved to what is now known as the Education building, a structure costing \$75,000, made possible chiefly through the personal credit of President Abraham O. Smoot and his associates on the Board of Trustees.

The College building, a gift of ten persons whose names are upon a marble tablet in a hall of the building, was erected in 1898. The responsibility for raising the funds for this building was undertaken voluntarily by Reed Smoot, a member of the Board of Trustees.

The Training School building was built in 1902, the cost of which was met by the contributions of friends of the school, chief among whom was "Uncle" Jesse Knight.

The Art building was erected in 1904, a gift of the nearby stakes comprising what was known at that time as the B. Y. U. academic district.

The Alumni Association, in honor of Dr. Karl G. Maeser, presented the institution with the Maeser Memorial building in 1911. The cost of this building was \$112,000.00. "Uncle" Jesse Knight contributed liberally to the Alumni Association

in this project. The heating plant and furnishings were provided by the Church. This building was the first to be erected on University Hill.

The Women's Gymnasium, which is also a recreation building, was erected in 1913.

The Mechanic Arts building, a one-story structure, on University Hill, was erected in 1919.

The Heber J. Grant Library building, also on University Hill, was erected in 1925.

The last three named buildings were built by Church appropriations.

In 1935, two stories were added to the Mechanic Arts building to provide additional classrooms and laboratories. The name was changed to George H. Brimhall building.

During the year 1935-36 a Stadium House, on the west side of the football field was erected.

Campus. The first campus of the school was limited to a small playground back of the building which was destroyed by fire. The present Education building was erected in the center of a block 24 by 24 rods.

Then came the purchase of University Hill. As early as 1904, steps were taken to acquire land on this site. A purchase of seventeen acres was made from Provo City. A gift of something over seven acres came from the Fourth ecclesiastical ward of Provo; part of an acre was purchased by an alumnus, and the point of the hill by the student body. Following a movement initiated by the Alumni Association, seventy-five acres was purchased in 1923-24. Since that time purchases have been made of other tracts not only on University Hill, but adjacent to and between the two campuses, until the area now comprises more than one hundred acres.

Administration. The first faculty consisted of the principal and two assistants, Dr. Karl G. Maser, Dr. Milton K. Hardy, and Kristina Smoot. Dr. Karl G. Maeser served as principal until 1891, when he was called to the general superintendency of Church schools. Dr. Benjamin Cluff, Jr., succeeded Dr. Maeser and served as the executive head of the school until December 22, 1903. Dr. George H. Brimhall succeeded Dr. Cluff and served the institution as president until April 26, 1921, when he was made president-emeritus. On the same date Dr. Franklin Stewart Harris was appointed president, taking office July 1, 1921.

Educational Growth. The first credential granted by the institution was a teacher's certificate given on the completion of one year's normal work. This was followed by a certificate

requiring two years' normal work, followed later by the degree of Bachelor of Pedagogy, issued upon the completion of four years' normal work. Later the Bachelor of Arts and Bachelor of Science degrees were authorized to be conferred upon the completion of the regular four years' college courses.

Master degrees have been authorized since 1918.

On February 11, 1909, by an action of the General Church Board of Education the collegiate department of the University was designated The Church Teachers' College.

At the beginning of the school year 1920-21, the name Church Teachers' College was changed to School of Education, and the School of Arts and Sciences was established. During 1921 a college of Commerce and Business Administration was organized and courses leading to a degree of Bachelor of Science outlined. The names, School of Education and School of Arts and Sciences, were changed to College of Education and College of Arts and Sciences. At the same time an Extension Division, a Research Division, and a Graduate Division were organized.

January 25, 1922, a college of Applied Science was established to include the departments of Agronomy, Animal Husbandry, Art, Auto Mechanics, Foods and Nutrition, Horticulture, Household Administration, Textiles and Clothing, and Woodwork. On April 21, 1935, a College of Fine Arts was established to include the departments of Art, Music and Speech.

During the year 1928-1929 the Y Stadium was completed, the name of the College of Commerce and Business Administration was changed to College of Commerce; and the Graduate Division was changed to Graduate School.

University Credits Recognized. The Brigham Young University is on the list of approved colleges of the Association of American Universities. It is also a member of the Northwest Association of Secondary and Higher Schools, the American Council on Education, and the Association of American Colleges.

ORGANIZATION

The Brigham Young University as now organized comprises:

1. A College of Applied Science
2. A College of Arts and Sciences
3. A College of Commerce
4. A College of Education
5. A College of Fine Arts
6. A Graduate School
7. An Extension Division
8. A Research Division

Elementary and Secondary Training Schools are maintained in connection with the College of Education.

DEPARTMENTS OF INSTRUCTION

Accounting and Business Administration
 Agronomy
 Animal Husbandry
 Art
 Bacteriology
 Botany
 Chemistry
 Economics
 Educational Administration
 Elementary Education
 English
 Finance and Banking
 Geology and Geography
 History
 Home Economics
 Horticulture
 Journalism
 Landscape Architecture
 Library
 Marketing
 Mathematics
 Mechanic Arts
 Modern and Classical Languages
 Music
 Office Practice
 Physical Education
 Physics
 Political Science
 Philosophy of Education
 Psychology
 Religious Education
 Secondary Education
 Sociology
 Speech
 Zoology and Entomology

UNIVERSITY FEES

(All fees are payable in advance)

College and Graduate Students:

Registration fee for full year if paid at beginning of Autumn quarter	\$70.00
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FEES

35

registration if paid at begin. *70.00*

Registration fee for less than the full year, the quarter	25.00
Withdrawal deposit	1.00
Student activity fee, each quarter.....	5.00
(Or \$12.50 for the year if paid in advance)	
A gymnasium service fee, each quarter	1.00

Secondary Training School:

Senior High School—10th, 11th, 12th grades, the year.....	\$20.00
Activity fee	3.00
Gymnasium service fee, the year.....	.50
Junior high school—7th, 8th, 9th grades.....	10.00

Elementary Training School:

1st to 6th grades, the year.....	\$10.00
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Special Fees:

Late registration (after first week of each quarter).....	\$ 2.00
Special students (eight credit hours or less), for each hour	2.50
Special examinations, for each hour	2.50
(Provided the maximum fee in any one subject shall not exceed \$20.00)	

Graduation:

Degree	\$10.00
Normal Diploma	5.00

Special fees are charged for private instruction in Vocal and Instrumental Music, Speech, and some special courses in Art.

Breakage deposit is required in the department of Chemistry, and special laboratory fees in Bacteriology, Photography, Soil Fertility and Zoology. A special fee of \$5.00 is charged those who elect Secondary or Elementary Training.

STUDENT EXPENSES

The cost of books varies from \$5.00 to \$10.00 a quarter, depending upon the number and the nature of the courses elected.

Board and room in private homes costs from \$4.50 to \$6.00 per week. By renting rooms and boarding themselves, students are able to reduce considerably the cost of room and board.

If students desiring assistance will call on the Students' Accommodation Committee when they arrive in Provo, they will be directed to the kind of place they wish. When students desire to change boarding places, they are expected to call on and notify the chairman of this committee.

The University insists that boys and girls be housed separately. The boarding houses are inspected to see that accommodations are satisfactory. The University maintains a Cafeteria, where students may secure the noon meal at cost.

REFUNDS

No refunds will be granted to students who are requested to withdraw from the University because of scholarship or any other cause.

All students when paying fees are given official receipts from the Secretary's Office. These receipts must be presented before refunds are allowed. The students, therefore should exercise care that the receipts are not lost or mislaid.

All fees except \$5.00 will be refunded to any student in residence who withdraws during the first week of the quarter. One-half of all fees paid will be refunded to any student in residence who withdraws during the second or third week of the quarter. No refunds will be allowed after the third week.

ENDOWMENTS

The Jesse Knight Endowment Fund. On December 21, 1914, the late Jesse Knight made an endowment to the University of one hundred thousand dollars in six percent bonds. The interest payments on these bonds, together with the payments on bonds which have matured, have been placed at interest, and the cash credit on this account now represents approximately twice the amount of the original endowment.

The Brigham Young University Permanent Endowment Fund. June 4, 1929, the B. Y. U. Associated Alumni initiated a permanent endowment fund for the University. Some very generous contributions and subscriptions were made at this alumni reunion, and the work of building such an endowment has been carried forward by the alumni and school officials with very gratifying results. Members of the graduating classes since that time have shown a remarkably loyal spirit by subscribing to this fund.

LOAN FUNDS

The Emmeline B. Wells Relief Society Loan Fund. In honor of Emmeline B. Wells, the General Board of the Relief Society has established a loan fund to assist young women to complete their school work. The lending of this fund is under the supervision of the Deans' Council.

Student Loan Fund. The Sophomore class of 1922 established a loan fund to assist students to complete their school work. This fund is augmented each year, the Sophomore class assuming the responsibility for making an annual addition. The lending of this fund is under the supervision of the Deans' Council.

Gamma Phi Omicron Loan Fund. The Home Economics Club of the University (Gamma Phi Omicron) has established a loan fund to assist students of the Home Economics department. The lending of this fund is under the supervision of the Deans' Council.

Alpha Kappa Psi Loan Fund. The Alpha Kappa Psi has established a loan fund for senior students of the College of Commerce. The lending of this fund is under the supervision of the Deans' Council.

Federation of Women's Clubs Loan Fund. The First District Federation of Women's Clubs of Utah has established a loan fund to be lent to the senior girls of the University. The lending of this fund is under the supervision of the Dean's Council.

ASSOCIATED STUDENTS

General Organization. This organization is composed of all students who attend Brigham Young University and is presided over by officers elected by them. It seeks to develop interest on the part of every student in all those activities which contribute to a more democratic "Y" spirit, and to furnish opportunities for all students to participate in those activities which interest them most. Through this organization, student traditions are kept alive. All interclass and intercollegiate activities are encouraged and unified by this organization. Forensic, dramatic, and music activities are fostered by and are under its management and through it the students publish the school periodicals and also the University year book, the "Banyan." The organization also functions as an auxiliary of the school discipline.

Associated Women Students. This is an organization comprised of all girls registered in the institution. Its purpose is to aid and foster all girls' activities. This organization is also a member of the Western Division of the National Organization of Associated Women Students, which includes practically all of the universities and colleges in the United States.

The Presidents Club. This club is composed of the presidents of all clubs, units, classes or any other student organization upon the campus. Its purpose is to keep union and harmony in student activities by keeping the organizations united, and to maintain a student union, rather than cliquishness, and club consciousness. The President of the Associated Students presides over it and calls the club together whenever it is thought advisable by the Student Council.

Block "Y" Club. An organization of students who have won a Block "Y" in intercollegiate athletic or forensic competition. Its purpose is to foster the traditions of the school, keep alive the athletic and forensic spirit, encourage a true spirit of sportsmanship and to meet visiting teams of athletes or debators and help to encourage friendly relations with their institutions.

White Key. Women's honorary organization installed on the campus in 1933. Membership consists of girls outstanding in service, scholarship, and "pep." Its purpose is to foster university activities of merit and to render service to the associated students.

CLUBS AND SOCIETIES

To enlarge the educational and social opportunities of the university, units, clubs, and societies are organized. In these groups, the spirit of the institution is fostered, and democracy is especially encouraged.

SOCIAL-UNIT ORGANIZATION

The University recognizes proper social development as one of the important by-products of college training.

To provide suitable opportunity for the fulfillment of this purpose a Social Unit Organization has been adopted.

The plan provides that every student in the University shall belong to a social unit. These units include from twenty to thirty members, grouped on the basis of sex, social interest, and congeniality. The whole scheme is democratically controlled by the Social-Unit Committee, which consists of members from the faculty, classes, and other organized groups in the University. The Inter-Social-Unit Council, made up of representatives from each Social Unit, has jurisdiction over the internal affairs of the units, such as fees, costs of entertainments, etc.

The Social Units are doing much to keep alive the social ideals of the University and to perpetuate the democratic social traditions characteristic of the Student Body.

DEPARTMENTAL ORGANIZATIONS

This group of organizations has the specific purpose of bringing together persons of similar scholastic interests and of rendering their work more pleasurable and profitable. Each group will foster the activities of the department to which it is allied. The eligibility rules thereof will be such that any member of the department may qualify for membership by meeting the scholastic requirements imposed by the organization. The fees will be reduced to a minimum. Each organization will have a faculty advisor. The following departmental clubs and societies have been organized:

The "Ag" Club. This organization is open to all students of Agriculture, the purpose being to meet and receive instruction from men who have succeeded practically and scientifically in the agricultural work of the state. Social functions in conjunction with the Home Economics department are featured during the year.

David Starr Jordan Biology Club. This club aims to develop interests in all forms of biological study and has, for its major project, the building of a library of natural science literature. Some 250 volumes have been collected by club members. The increasing animal and plant collections of the department and the new laboratory at Utah Lake, offer interesting material for new students. Outside of resident students, the membership consists of faculty members, alumni and prominent townspeople.

Drama League. The purpose of this league is to foster the art of reading and dramatics, to appreciate paintings and music, and to give opportunity to its members to hear lectures and readings from the best talent of the state as well as those who are on the lecture platform and the stage. The society meets weekly. It is affiliated with the Drama League of America.

French, Spanish, German, and Latin Clubs. Teachers and students interested in the study of French or Spanish or German or Latin are organized into clubs. These clubs meet twice a month and enjoy programs of songs, talks, reports, games, etc., in which the foreign language is the medium of speech. Membership is open not only to students but also to all people within easy reach of the University who have studied or are studying the modern languages. Membership privileges are especially extended to people of the community of French, German, Spanish or Spanish-American birth.

Gamma Phi Omicron. (Home Economics.) An organization of the advanced students majoring in some phase of Home Economics. Its purpose is to develop culture and scholarship among its members, and to lend its aid in establishing better homes and community life.

Home Economics Club. The club is organized to create a professional spirit among the students of Home Economics. Regular meetings are held at which interesting lectures are given. Special activities are fostered. All girls registered in Home Economics courses are eligible for membership.

Graduate Club. This club is an organization of the students of the University who are pursuing graduate study. The purpose of the organization "shall be to foster fellowship among its members; to stimulate a desire for higher learning; to assist in finding and developing leadership in the communities; and to use every effort to enhance the interests of the Brigham Young University." A student becomes a member automatically upon registration in the graduate division.

Literary Club. The purpose of this organization is to develop greater appreciation of good literature and to give opportunity for practice in oral and written expression. Carefully prepared lectures on literary topics and dramatic readings will be given by advanced students, members of the English faculty, and others.

Psychology Club. An organization to foster a better understanding of scientific psychology, and to supplement the regular courses of the department by affording the opportunity of discussing certain current problems by advanced students and outside speakers.

Studio Guild. This organization is for the benefit of students having special talent in any particular phase of fine art and applied art. Lectures on practical topics in connection with arts and crafts are given by members of the faculty and other recognized educators. Exhibitions of artists' and of craftsmen's work are held under the auspices of this organization.

Yeshara—Women's Missionary Club. An organization of women students who have been engaged in active missionary service. Its purpose is to preserve the missionary spirit among the students and alumnae of the University and to render help where possible to women missionaries in the field.

The "Y" Chemical Society. An organization consisting of students interested in the field of chemistry. Meetings are held every alternate week, at which time lectures dealing with the outstanding problems in chemistry, or material intimately connected with this field are given by authorities on the specific subjects. Various excursions to the outstanding institutions of scientific value and interest in the state are sponsored.

International Relations Club. The purpose of this club is to stimulate interest in a clearer understanding of international problems and to develop a spirit of world helpfulness and peace. The club is sponsored by the Carnegie Endowment for International Peace. It is under the general supervision of the department of Political Science.

Omega Nu. The Omega Nu honorary journalism fraternity was founded in the autumn of 1935 to stimulate interest in journalism and to promote higher standards in the field.

Geographical Clubs are organized for the furthering of social enjoyment and the establishing of bonds of sympathy between the school and the home.

NATIONAL FRATERNITIES

Theta Alpha Phi. National professional dramatic fraternity. Co-educational. The Utah Beta Chapter was installed at this institution in 1924. The purpose is to foster artistic achievement in all of the arts and crafts of the theater.

Tau Kappa Alpha. Honorary national debating fraternity. Those who engage in inter-collegiate debating and oratory or who attain marked distinction in forensic activity are eligible to membership.

Alpha Kappa Psi. (Beta Delta Chapter.) A professional commerce fraternity the purpose of which is to foster studies in commerce, encourage scholarship and association between members and the commercial world. Male College of Commerce students are eligible for membership.

Beta Beta Beta. (Phi Chapter.) Installed January 31, 1931. An international honorary biological fraternity, which emphasizes a three-fold program: Sound scholarship; dissemination of scientific knowledge; and promptness of biological research. All junior and senior students having twenty-four hours of biological credit are eligible for membership.

Phi Delta Pi. Women's National professional physical education fraternity. Xi Chapter installed November 21, 1931. Its purpose is to stimulate professional and scholastic interest in physical education.

Blue Key. The Blue Key national honorary leadership fraternity was chartered at the Brigham Young University in the spring of 1932. Its purpose is to foster Student Body projects of merit which cannot well be handled by any other organization. It is an upper-classmen organization, the membership of which is fixed at from twelve to twenty active members.

Sigma Pi Sigma. A national honorary Physics Society with the following objectives: (1) to stimulate high scholarship, (2) to create an interest in research and the advanced study of physics, and (3) to encourage friendship among the majors in the department. Installed May 2, 1936.

Delta Phi. A national honor fraternity whose membership on the "Y" campus is elected from those who have served as missionaries for more than six months. Its purpose is to foster spiritual activity, high ideals, fellowship and sociability. Regular programs and luncheons are conducted during the school year at which men of the Church and state are the principal speakers. The "Y" chapter is associated with like chapters at the Utah State Agricultural College and the University of Utah.

NON-STUDENT ORGANIZATIONS

B. Y. U. Women's Organization. The purpose of this organization is to foster the ideals of the institution and to help furnish recreation and social amusement for the faculty. A woman is eligible for membership in this organization and becomes a member on payment of dues provided that at the time she seeks admission she is either: (1) a present faculty member, (a faculty member is one who holds at least the rank of instructor); (2) a past faculty member; (3) a matron; (4) a board member; (5) the wife of a faculty member who has died in the service of the school; (6) the wife of a present faculty or board member.

Faculty Fine Arts Club. This club is organized to develop and maintain a closer cooperation among the members of the fine arts faculty; to increase the appreciation of each member for all arts; to keep the members aware of what is going on in the various fields of fine arts; and to encourage among the members original creation in music, literature, painting, etc.

SCHOLARSHIPS

Graduate Scholarships. A limited number of scholarships are available to graduate students who are prepared to render assistance in the various departments of the University. These scholarships are granted on the recommendation of the departments concerned with the approval of the President of the University.

Eliza A. Wallacott Scholarship. A scholarship for girls representing \$30.00 awarded annually through the recommendation of the President.

Van Wagenen Band Scholarship. For the encouragement of worthy students in the line of band music, Mr. Alma Van Wagenen of Provo has established an annual scholarship of \$50.00.

Junius M. Jackson Scholarship. An annual scholarship of \$75.00 to the most outstanding athlete at the end of the junior year, judged on the basis of athletic participation and scholarship, as determined by the Athletic Council and Registrar, awarded by Junius M. Jackson, President of the Jackson Motor Car Company of Salt Lake City.

Annual Commercial Contest Scholarships. Scholarships are awarded to winners of specified events in the Commercial contest for high school students held at the University each year.

The Oscar B. Young Prize. An award of \$50.00 given annually by Professor Kimball Young for the best essay on some phase of **Mormon Community Life**. The adjudication is under the supervision of the department of Sociology.

Mask Club Scholarship. An award of twenty-five dollars is given annually to the junior or senior of the Speech Department attaining the highest average in scholarship and excellence in Speech Arts. This award is given upon registration the following school year. The Dean of the College of Fine Arts and members of the speech faculty make the selection.

Speech Tournament Scholarships. The University awards two annual scholarships representing one year's tuition fees to two high school seniors attaining the highest degree of excellence in speech achieved in the Brigham Young University Speech Tournament. Character and scholarship record in the high school will also be considered in making the selection.

The Speech Department awards a quarter's free instruction in private speech to the student attaining highest excellence in dramatic art achieved in the Annual Speech Tournament. This private instruction may be taken from any member of the speech department staff.

AWARDS

Students eligible for these awards must be duly registered and carrying successfully at least ten hours of University work.

Provo Chamber of Commerce Medal. The Provo Chamber of Commerce presents annually a gold medal to the most efficient student in the University, based upon scholarship, social status, and public service.

The Elsie Chamberlain Carroll Medal. Mrs. Elsie Chamberlain Carroll presents annually a gold medal to the student (girl) of the University writing the best short story.

The Adams Gold Medal. Mr. and Mrs. Walter Adams present annually a gold medal to the most efficient student being graduated from the Music department whose major instrument is a stringed instrument.

The Taylor Gold Medal. Taylor Brothers Company presents annually a gold medal to the most efficient student being graduated from the Music department whose major instrument is the piano.

Alpha Kappa Psi Scholarship Award. Alpha Kappa Psi Fraternity awards annually the Alpha Kappa Psi Scholarship Medallion to the male student of the junior class in commerce who possesses the highest scholastic average for three years' work taken in this university.

The Dr. Horace G. Merrill Silver Loving Cup is awarded to the student of the University who shall attain first place in the annual Cross Country Run, held immediately preceding the Thanksgiving recess. Should a student win first place more than twice the cup becomes the property of such student.

The Woolley Gold Medal. Miss Mary Woolley presents annually a gold medal to the student giving the best rendition of a dramatic reading.

The Stein Gold Medal. Mr. J. Edwin Stein offers annually a gold medal for the most efficient athlete. Efficiency is based

upon the participation in athletics, scholarship, and social activity.

The R. R. Irvine Medal is presented annually for excellence in oratory, subject to be based upon some economic problem.

The Class of 1919 Gold Medal is awarded annually for excellence in vocal art.

The Noble Medal. Mrs. Hazel Noble Boyack offers annually a gold medal to the most efficient senior student enrolled in the Home Economics department. The selection of such student will be made by the faculty of the Home Economics department.

The Provo Drama Center, Mask Award. A prize of twenty-five dollars is given each year for the best one-act play of merit, on a Western or pioneer theme.

Provo Rotary Club Gold Medal. A gold medal awarded to the winner of an oratorical contest on some subject of international good will.

Studio Guild Medal. A gold medal is awarded annually by the Studio Guild for the best landscape painting done during the school year in any medium. Members of the Art department faculty and the officers of the Studio Guild make the selection.

Dramatic Service Awards. The Dramatic Art department awards annually a dramatic honor pin to each of three students who have given the most helpful service to the University and to the community during the year.

Egbert Gold Medal. Miss Anna Egbert gives a gold medal for the most efficient debater each year. The award is made in honor of her father, Robert N. Egbert.

The Evans Competitive Acting Award. Mr. Edmund Evans offers annually a watch for the student, who, in the estimation of a group of judges plays the best sustained role in the annual competitive play.

The Evans Gold Medal. Mr. Edmund Evans offers annually a gold medal to the most efficient graduate in the Speech department. Efficiency is based upon participation in speech activities, social activity, and scholarship.

Sigma Xi Award. The Society of Sigma Xi of the University awards annually a gold medal for the best piece of research done during the year by any student of the University.

I. E. Brockbank Award. Mr. Isaac E. Brockbank of Provo awards annually a cash prize of twenty-five dollars for the best production in art in any medium.

The Delta Phi Fraternity presents annually a gold medal for excellence in extemporaneous speaking.

Tau Kappa Alpha Fraternity presents two gold medals to the winners of the inter-class debate league.

Journalism Awards. Omega Nu, journalism fraternity, fosters annual contests in short story, feature article, essay, verse, and news writing. Awards are donated by members of the Journalism Department faculty.

Sundberg Prize. Mrs. Flora Harvey Sundberg awards annually a cash prize to the most outstanding student in Religious Education.

DISCIPLINE

The maintenance of standards of honor, Christian integrity, and Latter-day Saint ideals is required. Within these limits the students are given the fullest freedom. Those who fail to conform to these standards either in personal habits or associations are subject to discipline.

The use of tobacco will not be permitted, and having improper associates or visiting places of questionable repute will not be tolerated.

All social functions given by any organization of the school are under the direction of the standing committee on socials. Any disciplinary announcement made by the executive of the institution becomes a part of these regulations. Violations of regulations makes the offender liable to suspension or expulsion.

Regular attendance is required at all recitations, laboratory and field work. The committee on attendance and scholarship has general supervision of the disciplinary work of the institution. Regular students who are not satisfactorily carrying at least ten hours work will not be allowed to remain in the institution.

FUNCTION OF THE MEDICAL DIRECTOR

The principal function of the medical director is to conduct the physical examinations of the students and to look after the general health conditions of the school. In addition all students have the privilege of free consultation with him at his University office during schedule office hours, or by appointment. He will gladly respond to all calls to investigate the presence of contagious diseases, but he cannot assume the responsibility of furnishing free treatment for such cases, as is done in schools where the students pay a medical or hospital fee. However, if those students who are unable to pay for necessary service are reported, efforts will be made to see that they are taken care of. No charge will be made for first aid service to persons injured in athletic contests or other forms of school activities, except for material used.

DEAN OF WOMEN

The Dean of Women is charged with the general oversight of all women students, and is always ready to aid and advise them in matters pertaining to their university life. She will not only attend to the special needs of young women during school hours, but will use every precaution to see that they are properly cared for at their boarding places. All women students are required to leave a directory card with the Dean of Women when they register.

DEAN OF MEN

The Dean of Men is charged with the general oversight of all men students, and is always ready to aid and advise them in matters pertaining to their social, personal, and vocational problems. Assistance and advice is also available regarding employment and housing problems. All men students are required to leave a directory card with the Dean of Men when they register.

LIBRARY

The University Library contains more than 101,000 volumes and 50,000 pamphlets and bulletins. These publications cover all phases of human interest and offer opportunity to make intensive studies in almost any field of the sciences or arts. The library has for years been a Government Depository to receive all Government documents. These documents are all well classified and indexed. Besides the Government Documents the Library has nearly a complete set of all agricultural experiment

station literature from every state in the Union. It regularly receives important state documents on education, history, politics and various other topics as they are issued by the different states, and is on the publication exchange lists of many of the colleges and universities of the United States and elsewhere. The Carnegie Institute of Washington, the Carnegie Peace Foundation, the Rockefeller Foundation, the General Education Board, the American Council on Education, the Milbank Memorial Fund, the Bell Telephone Laboratories and several of the large business organizations all supply technical and informative literature. The Library subscribes for such technical journals and magazines as are essential to a thorough college education, and it maintains its own book bindery.

Each year the Library strengthens itself along specialized lines through contributions of books to its special collections, of which the following are now being rapidly augmented:

B. Y. U. Women (Memorial) Collection—General.
Brimhall Collection—Theology.
Bennion Collection—Biography.
C. H. Carroll—Medicine.
Egbert Collection—Music.
Heber J. Grant—General.
Henning Collection—Archaeology.
Hinckley Collection—Geology.
Ivins Collection—The American Indian.
Jordan Club Collection—Biology.
Lund Collection—Music.
McKay Collection—Education.
Mask Club Collection—Dramatics.
Nelke Collection—General Literature.
Reynolds Collection—Literature.
Smith (F. W.) Collection—Chemistry.
Soros Club Collection (Memorial)—General.
Spilsbury Collection—Home Economics.
Talmage Collection—Science and Religion.
Whitaker Collection—Foreign Languages.
Whitecotton Collection—
Widtsoe Collection—Agriculture.

The Library is open each school day during the regular school year from 8 A. M., until 10 P. M.; on Saturday from 10 A. M., until 4 P. M.; and during the Summer Session from 7:30 A. M., until 9 P. M.

SPECIAL SCIENTIFIC AND ART COLLECTIONS

The Zoological and Entomological Collections of the University consist of a large series of identified vertebrate and invertebrate species of Utah and contiguous states. A complete series of the fish, amphibians, reptiles, birds and mammals of this region are to be found in the collection. The fish collection is especially rich in species and specimens from the Intermountain Region. The bird collection consists of about 3,000 skins, 1,000 of which were collected in the Magdalena River Valley of South America by Chester Van Buren in 1901-1903.

The Entomological collections consist of 190,000 specimens, the Tom Spalding Collection of Utah lepidoptera, the Chester Van Buren Collection of South American Butterflies, the Charles W. Leng Weevil Collection, the Charles Schaeffer Weevil Collection, and many species of weevils from the Blatchley Collection form important portions of this collection.

These collections are being added to annually by means of collecting expeditions that are sent out to various parts of the Western United States.

The Botanical Collection includes a herbarium of liverworts, mosses and vascular plants; and also an extensive series of preserved algae, fungi, liverworts, mosses, ferns, and seed plants. There is also included a number of medical plants and a series of plant diseases.

The herbarium is made up principally of plants collected throughout the Western States, but many species from other regions are included. The collection of North American plants includes 125 families, 740 genera, and 2,110 species, represented by over 6,750 herbarium sheets. There is also a collection of plants from Siberia, obtained by President F. S. Harris in 1929, as well as a small group of plants from Europe and from South America.

The Geological Collections of the University consist of an unusually complete series of minerals and an interesting variety of fossils.

The minerals number many thousands and are representative of the great western mining districts together with hundreds of world localities of note. Part of this collection once represented the nucleus of the famous Deseret Museum collection of Salt Lake City.

The fossil series are representative of many western and typical world localities. Much of this material was also for-

merly a part of the Deseret Museum collection. The vertebrate collection is especially rich in original fossils and casts of the characteristic mammalian fauna that lived in the Western states during the immediate geologic past.

The Archaeological collections include a number of well prepared case exhibits of Utah Indian materials, including pottery, basketry, stone implements, wearing apparel and picture writings. It also includes a number of South Pacific Islands collections together with what is thought to be the finest South American collection of Indian pottery in the West.

The Fine Arts collection consists of drawings, paintings, sculpture, and art prints. The collection contains outstanding paintings and sculpture by Utah artists and also pictures by the following well-known painters: John F. Carlson, John E. Costigan, Elliot Dangerfield, Maynard Dixon, George Pearse Ennis, Gordon Grant, Marie A. Hull, William Morris of England, Lee F. Randolph, George Taggart, and Anthony Thieme. The Fine Arts collection contains hundreds of reproductions of the work of master painters, sculptors, architects, craftsmen and illustrators.

GENERAL REQUIREMENTS FOR UNDER- GRADUATE WORK

ADMISSION

A student seeking admission to any of the colleges of the University must be a graduate of an accredited high school, or he must present sixteen units of approved high school work which must be acquired during four school years, or he must pass an examination in a sufficient number of subjects to make sixteen units. In no case shall fewer than twelve of the sixteen units be acquired during the last three years of high school. He must offer among his credits the following:

English	3 units
A principal group	3 or more units
A secondary group	2 or more units

The principal and secondary groups must be selected from either Mathematics and Science or from History and Social Science. At least one unit in Mathematics, either Algebra or Geometry, must be included in either the principal or the secondary group. If the principal group is from Mathematics

and Science, the secondary group must be from History and Social Science, or vice versa.

To facilitate registration, a student seeking admission is requested to forward an official copy of his credits to the Registrar not later than September 1. If blanks for this purpose are not to be had at the local school, they may be obtained from the Registrar of the University.

In case a student is unable to furnish an official transcript of credits on or before the day of registration, he may be admitted tentatively, provided the committee on admission and credits is convinced he can furnish such transcript and otherwise meet the entrance requirements within thirty days. During this tentative period he will be rated as unclassified.

A student of twenty-one years of age or over, who has not completed sixteen units of high school work, but shows ability to do special work, may be admitted to any of the colleges of the University. Ability to do special work must be certified to by the heads of the departments concerned. He may pursue any course for which he has sufficient foundation, and will be rated as an unmatriculated student. To become a candidate for a degree such student must meet the entrance requirements.

A student who has met the entrance requirements but who is carrying fewer than eight hours of work will be designated as a special student.

COURSE DIVISIONS

Undergraduate courses of study are divided into:

- (a) Lower Division.
- (b) Upper Division.

Lower Division courses are numbered in the catalogue from "1" to "49," Upper Division courses from "50" to "99." Graduate courses are given numbers above "100."

ELECTION OF STUDIES

The student, in electing his studies, should, with the advice and approval of the dean of the college in which he registers, elect such studies as are desirable. The major and minor, as well as the general, requirement for graduation should be kept in mind in electing studies. Three hours credit in Physical Education are required of all Freshmen. Should a resident student desire to take courses by correspondence or in extension classes, the approval of the student's dean must be secured, and the correspondence or extension work entered upon the regular

registration card. Excess work taken by correspondence or extension classes not approved in this manner, will not be recorded for credit. Resident students of other institutions who apply for correspondence or extension class work, at this University, must have their proposed registration approved by the president of the institution in which they are registered. Students wishing to transfer correspondence credits from other institutions are subject to examination by the University department concerned.

At least five quarters of lower division work should be completed before the student registers for upper division work, unless in certain sequences the dean with the consent of the instructor advises otherwise. Included in the lower division work must be English 1, 2, 3; and for the A. B. degree twelve hours in foreign language work. It is recommended that as far as possible group requirements be completed by the close of the sophomore year.

CLASSIFICATION OF STUDENTS

A regular student with fewer than forty-five hours credit at the beginning of the school year will be classed that year as a Freshman.

A regular student with more than forty-five hours credit and fewer than ninety at the beginning of the school year will be classed during that year as a Sophomore.

A regular student with more than eighty-nine hours credit and fewer than one hundred thirty-five at the beginning of the school year will be classed during that year as a Junior.

A regular student with more than one hundred thirty-four hours credit at the beginning of the school year will be classed during that year as a Senior.

CREDITS

A student may have credit entered on the books of the University as follows: 1. For work done in the regular courses offered by the institution. 2. For work done in an accredited college when such credit is to be used for graduation from the University, the amount to be determined by the committee on credit. 3. By passing a satisfactory examination in any course offered by the University under the supervision of the head of the department concerned. Credits from other schools should be filed with the Registrar upon entrance.

Special examination for advance credit will be given only

with the consent of the head of the department concerned, the dean of the college in which the student is registered, and the committee on credit.

An incomplete course of study must be completed during the next quarter of residence, provided the next quarter of residence is within one year; otherwise the course must be retaken in a class or a special examination taken to obtain credit.

A fee of \$2.50 per credit hour is charged for special examinations, provided the total fee for any one subject does not exceed \$20.00.

GRADUATION

GENERAL REQUIREMENTS

For a student to be admitted to candidacy for a diploma or a degree, his scholastic record must show that he has satisfied the entrance requirements, and that he can fulfill all the requirements for graduation on the completion of the courses for which he is registered. At the time of graduation each candidate must be properly registered in the University, and must have completed at least forty-five hours of work in residence.

The following graduation requirements apply to all candidates for a bachelor's degree from any of the colleges of the University:

Total amount of credit	186 hours
Requirement for a major	30 hours
Requirement for a minor	20 hours

Group Requirements:

Mathematics and Physical Science	12 hours
Biology and Psychology	12 hours
Social Science	12 hours
English and Foreign Languages	18 hours

Lower Division Courses Required:

English 1, 2 and 3.

Physical Education 1 and 3 hours credit of the physical activity type.

A candidate for a Bachelor of Arts degree is required to furnish 24 hours credit in a foreign language. Shopwork, shorthand and typing will not be credited towards the A. B. degree.

Not more than 28 hours of "D" grade credit will be applied towards graduation.

Students who expect to be graduated at the end of the spring quarter should file application with their dean not later than the beginning of the winter quarter. All conditions must be removed not later than ten days before graduation.

Students who fulfill all requirements for graduation at the close of the Summer Session and who have filed application for graduation not later than thirty days preceding the close of the spring quarter may have their graduation certified to by the proper authorities of the University, but they shall not be publicly graduated until the annual commencement of the following year.

The University reserves the right to change the requirements for graduation and a candidate for graduation will be asked to comply with all changes which pertain to the uncompleted portion of his course. The University Council is the body authorized to prescribe requirements of graduation and to pass on candidates.

GROUP REQUIREMENTS

Ordinarily the object of the first two years of the University curriculum is to introduce the student to fundamental fields of human interest and to provide a broad basis for later specialization. In order that these purposes may be achieved, certain studies should be completed under the direction of the respective deans. Before a regular student will be permitted to register for more than five quarter hours of upper division work during any one quarter, he must choose or be tentatively assigned to a major professor and have completed the number of hours prescribed in each of the following groups:

1. **Mathematics and Physical Science.** 12 hours. (Mathematics, Chemistry, Physics, Geology and Geography.) Not more than six quarter hours in one department may be counted in fulfilling this requirement. At least one of the courses taken must require no fewer than two hours of laboratory work each week.

2. **Biology and Psychology.** 12 hours. (Bacteriology, Botany, Zoology and Entomology, Psychology.) Not more than six quarter hours in one department may be counted in fulfilling this requirement. At least one of the courses taken must require no fewer than two hours of laboratory work each week.

3. **Social Science.** 12 hours. (Economics, History, Political Science, Sociology.) Not more than six quarters in one department may be counted in fulfilling this requirement.

4. **English and Foreign Languages.** 18 hours, at least 12 hours of which must be in English. This group must include English 1, 2, and 3. In case a student has credit for at least two units of foreign language taken in high school, this group may be reduced to 14 hours.

MAJOR AND MINOR REQUIREMENTS

At least sixty hours of upper division work must be furnished by students applying for graduation.

At the beginning of his college course, and in no case later than his Junior year each student should select his major professor who, in connection with his dean, will serve as his special faculty advisor. At the time of his graduation he must have completed no fewer than thirty quarter hours in the department in which he is majoring, and no fewer than twenty hours in a collateral or minor subject which meets the approval of his dean and his major professor. He must also satisfy any special departmental requirements announced in the catalogue.

In cases where the prospective graduate's high school and college work shows marked evidence of deficiencies in grade of scholarship, in breadth of training, or a preparation for probable future activity, the dean may use his discretion in prescribing certain specified courses to the extent of fifteen quarter hours according to the needs of the particular student.

STATE REQUIREMENTS FOR TEACHING CERTIFICATES

General High School Teaching Certificate. An applicant for the general high school certificate must show:

(1) That he has completed a standard college course of four years, or its equivalent.

(2) That he has a teaching major of at least thirty hours in one subject which is taught in Utah high schools, at least 15 hours of which must be in upper division work, and one teaching minor of eighteen hours in a subject which is taught in Utah high schools.

(3) That he has at least 13 hours of work in the following subjects allied to education: 3 hours in health education, 10 hours in ethics and sociology, or 5 hours in one of these subjects and 5 hours in political science or economics.

(4) That he has at least 27 hours in education, including at least 8 hours in secondary training, 3 hours in the organization and administration of secondary education, 3 hours in

educational psychology, and 3 hours in guidance and personnel.

The additional credit in education may be selected from the following subjects:

Advanced Educational Psychology.

Social Psychology.

Social Education.

Statistical Methods.

Educational Tests and Measurements.

Special Methods.

History of Education.

Philosophy of Education.

First Class Elementary School Teaching Certificate. Beginning elementary school teachers will be required to hold the elementary certificate based on at least 3 years (135 hours) of approved normal school or college work. In the 135 hours there shall be included: 10 hours in English at least 6 of which shall be in English composition; 4 hours in language and literature for children; 6 hours in physical and health education, 3 hours in art, 3 hours in music, 27 hours in education to include 10 hours in training and at least 3 hours in each of the following education subjects:

Educational Psychology.

Elementary School Curriculum.

Principles of Education.

Organization and Administration of Elementary Schools.

There will also be included in the 135 hours, 10 hours in each of the following groups:

Social Science.

Biological Science.

Physical Science.

THE GRADUATE SCHOOL

All graduate work leading to higher degrees is now administered under the direction of the Graduate School.

Character of Graduate Work. The essential aim of graduate study is to develop the power to do independent work and to encourage the spirit of research. Each candidate for a higher degree is expected to possess a broad, general knowledge of his major and a fair degree of information in his minor subject.

Registration. All students pursuing graduate work are to be registered by the Dean of the Graduate School.

Students holding a Bachelor's degree equivalent to that

conferred by the Brigham Young University will be admitted to graduate work without examination.

If during any quarter of the senior year a candidate for a baccalaureate degree finds it possible to complete all requirements for such degree with a registration of fewer than sixteen hours of undergraduate credit he may register with the Dean of the Graduate School for enough graduate credit so that the total registration shall not exceed sixteen quarter hours during such quarter.

Admission to graduate courses is granted only to those who have the requisite undergraduate work in those courses or departments. In order adequately to determine this fact the student should file with the Dean of the Graduate School an official transcript of his undergraduate courses at the time that he registers for graduate study.

Each graduate student must submit his course of study and the title of his thesis to his major professor and the Dean of the Graduate School for approval. Changes in registration may be made only with their consent.

Graduate credit is given under the following conditions: (1) The courses for which graduate credit is given must be definitely catalogued as courses carrying graduate credit. (2) Only those students who are eligible to receive graduate credit at the time a course is taken will receive graduate credit for such a course.

Admission To Candidacy. Registration for graduate study does not admit a student to candidacy for a higher degree. A graduate student who has been in residence one quarter or more whose thesis subject has been approved, and who has given evidence of ability to do work of a graduate character may be admitted to candidacy for a higher degree by vote of the University Council. The mere accumulation of credits does not necessarily indicate ability to do graduate work. All applications for admission to candidacy for a higher degree should be made to the Dean of the Graduate School.

Requirements for the Master's Degree. Two higher degrees are offered: Master of Arts (M. A.), provided the candidate meets the foreign language requirement for the A. B. degree; and Master of Science (M. S.) if the candidate does not meet the foreign language requirement for the A. B. degree. A student may be admitted to candidacy upon the completion of the following requirements: (a) The candidate must, after securing a Bachelor's degree, furnish 48 hours of graduate credit, approved by the Dean of the Graduate School and major professor,

in addition to 186 hours of college credit, and 16 units of high school credit. Beginning with the school year 1935-36 the candidate will also be required to be in residence three quarters. (b) A thesis must be submitted based on work done in some field of investigation within the major department, and which must show evidence of independent research. The final acceptance of the thesis shall be under the supervision of a committee to be known as the Thesis Committee. This Committee shall consist of the major professor and two other persons to be selected by him. The thesis must be completed at least ten days before the final examination. (c) At least fifteen days before graduation, the candidate must pass an oral examination to be given by a committee to be known as the Examining Committee. This Committee shall consist of five members including the Dean of the Graduate School, the major professor, and three other members to be selected by them.

The candidate shall furnish complete copies of his thesis to his major professor and to the Dean of the Graduate School at least five days before the date of the final examination. (d) A bound typewritten or printed copy of the thesis must be furnished the University library. Before the degree is granted the candidate must file with the Dean of the Graduate School a statement from the Librarian acknowledging the receipt of this copy. (e) A candidate for a Master's degree must secure a grade of "B" or above in three-fourths of his graduate work. No grade below "C" will count toward a Master's degree. (f) An applicant for this degree must furnish at least one-half of his graduate credit in his major subject. The rest of the credit for this degree must be offered in work closely related to the major subject.

SCHOLARSHIP HONORS

In recognition of meritorious work, scholarship honors are granted to members of degree graduating classes in accordance with the following:

First. There shall be two degrees of honor: **Graduation with Honor, and Graduation with High Honor.**

Second. The awards shall be made on the basis of excellence shown in the upper division or graduate work done in the Brigham Young University.

Third. To receive the award of Graduation with Honor a student shall have a record of not fewer than thirty hours of upper division work showing "A" grade and not fewer than fifty hours of such work showing "A" and "B" grades.

Fourth. To receive the award of Graduation with High Honor a student shall have a record of not fewer than forty hours of upper division work showing "A" grade, and not fewer than fifty-five hours of such work showing "A" and "B" grades.

Fifth. The number of graduates receiving honors shall not be greater in any year than one-fifth of the numbers of students graduating. In the event that more than one-fifth of the graduates shall meet the honor requirements set forth above, the students to receive honors shall be chosen as follows: The number of hours of "A" grade of each subject shall be multiplied by "1½," and the number of hours of "B" grade by "1." The one-fifth of the graduates receiving by this process the highest product totals shall receive honors.

Sixth. It shall be the duty of the Committee on Graduation to make selection of candidates in accordance with these provisions.

Seventh. The announcement of honor awards is to be made at the annual commencement exercises.

Term Honors. The University will post and publish at the close of each quarter of the regular school year the names of the one graduate student, the five senior college students (juniors and seniors, and the five junior college students (freshmen and sophomores) who have received the highest grades in classwork during the quarter.

Class grades are to be used exclusively in determining honors, except in case of a tie, when the general school activity of the student shall be considered. The basis of the computation shall be credit hours times grade; and an "A" shall count one and one-half times a "B."

Colleges

COLLEGE OF APPLIED SCIENCE

The aim of the College of Applied Science is to provide instruction in the scientific principles and technical operations pertaining to the farm, the home, the shop, and the professions, trades, and industries related to the same. Students may specialize in any one of the many fields of applied science and prepare for capable leadership and efficient service in their chosen lines.

The degrees, Bachelor of Science and Bachelor of Arts, are given to graduates of this College.

Majors may be selected from the following departments in the College of Applied Science: Agronomy, Animal Husbandry, Horticulture, Home Economics, Bacteriology, Animal Husbandry, Horticulture, Home Economics, Landscape Architecture, Mechanic Arts.

SUMMARY OF REQUIREMENTS FOR A TEACHING MAJOR IN HOME ECONOMICS

(To qualify for a Smith-Hughes Certificate)

Group and prerequisite requirements	66 hours
Clothing and Textiles, 1, 2, 3, 56, 60, 61, 65	21 hours
Foods and Nutrition 10, 11, 12, 50, 53, 54	22 hours
Household Administration 5, 53, 54, 60, 61, 62, 71, 72, 73, 80, 81, 82 or 78	26 hours
Education must meet State requirements	30 hours
Art 21, 25 and 26 or 28 and 29	6 hours
Physical Education	3 hours
	<hr/> 174 hours

The 69 hours in Home Economics courses replace the major and minor requirements.

SUMMARY OF REQUIREMENTS FOR A TEACHING MAJOR IN AGRICULTURE

(To qualify for a Smith-Hughes certificate)

Agronomy 21, 41, 52, 60	14 hours
Animal Husbandry 1, 2, 5, 8, 9	17 hours
Botany 70	4 hours

Entomology 34	3 hours
Horticulture 1, 2, 3, 7, 32, 59.....	18 hours
Marketing 37	3 hours
Mechanics 1, 2, 6, 11.....	10 hours
Drawing 1, 4	4 hours
Landscape Architecture 21, 24	6 hours
Public Speaking 1	2 hours

State teachers requirements in education and psychology which must include: Secondary teaching 63 and 94.

The hours in agriculture and mechanics replace the major and minor requirements.

Group requirements54 hours

COLLEGE OF ARTS AND SCIENCES

The primary purpose of the College of Arts and Sciences is to meet the needs of students who desire a broad and liberal education that will enable them to find and take their places in the complex civilization of today. Abundant opportunity is provided for those who have ambition for specialized study in engineering, medicine, law; or who desire to train for religious, political or social leadership. Preparation for original investigation in the fields of this college is emphasized. Students who wish to build a foundation for advanced degrees will find this college rich in opportunity.

In order that the beginning student may receive adequate guidance in the selection of a course of study, this college has been divided, for purposes of freshmen and sophomore registration only, into the following divisions. Detailed suggestive courses may be obtained from the Dean on application.

Biological Science Division. For students with special interest in bacteriology, botany, psychology, and zoology.

Physical Science Division. For students with special interest in chemistry, geology, geography, mathematics and physics.

Social Science Division. For students with special interest in history, political science, sociology and economics.

Language Division. For students with special interest in English, French, German and Spanish.

General Course Division. For students who have as yet no special interest, but who need orientation.

This college also offers pre-engineering, pre-medical, and pre-legal courses as follows:

Pre-Engineering Course

Freshman Year: English 1, 2, 3; Chemistry 4, 5, 6; Mathematics 11, 12, 13, The rest of time from the following: Drawing 4, 5, 6; Physical Education 1, 4, 5, 6, or electives.

Sophomore Year: Mathematics 50, 51, 52; Physics 41, 42, 43; Surveying, and the rest of the time from the following: Drawing, Economics, and electives.

Pre-Medical Course

The following courses are required in a Pre-medical course: Chemistry 4, 5, 6, 71, 72, 73; Physics 41, 42, 43; English 1, 2, 3; German 1, 2, 3, 55, 56, 57; Zoology 11, 18, 55, 56, 71, 72; Bacteriology 21 and 22; Psychology 11; Sociology 1, 2, 3. Electives should be chosen from courses which satisfy group requirements.

Pre-Legal Course

Lower division students who contemplate the study of law should register for Political Science 1, 10, 11; Economics 1, 2, 14; English 1, 2, 3; and Physical Education 1, 4, 5, 6. They are also advised to register for work in American and English history, and in Sociology. Electives should be chosen from courses which satisfy group requirements.

At least by the beginning of the junior year students should select their major department and seek the aid of the major professor as well as the Dean in matters of registration. Students may select their majors from any of the following departments in the College of Arts and Sciences: Bacteriology, Botany, Chemistry, English, Geology and Geography, History, Mathematics, Modern and Classical Languages, Physics, Political Science, Psychology, Sociology, and Zoology and Entomology. The degrees, Bachelor of Arts and Bachelor of Science, are given to graduates of this College.

COLLEGE OF COMMERCE

The purpose of the College of Commerce is to provide training for leadership in finance and industry. Courses are so arranged that students will be given the training that will best fit them for analyzing business conditions, for efficiency in office administration, and for the demands of the industrial and financial world. The degrees, Bachelor of Science and Bachelor of Arts, are given to graduates of this College.

Majors may be selected from the following departments:

Finance and Banking, Accounting and Business Administration, Agricultural Economics, Economics, Marketing, and Political Science.

COLLEGE OF EDUCATION

The College of Education is one of the professional schools of the University. Its principal function is the training of teachers, principals, supervisors, and superintendents. This college aims to meet the requirements of the Utah State Board of Education for the various grades of elementary and high school certification and for certificates and diplomas in administration and supervision.

The College of Education is made up of two constituent divisions, namely: The department of academic instruction, and the training schools.

The following departments are at present organized: Elementary Education, Philosophy of Education, Psychology, Educational Administration, Secondary Education, Religious Education, Physical Education.

In addition to the foregoing departments for majors and minors in the College of Education, students of this college may major in any department of the University, which department requirements they fulfill, provided they take at least thirty hours in professional and educational subjects.

Students who intend to qualify for teaching should declare their intentions of doing so at the beginning of their junior year, if they intend to teach in the high schools, or at the beginning of their freshman year if they intend to teach in the elementary schools. Those who are preparing for high school teaching should also choose not later than the beginning of their junior year, a teaching major and a teaching minor in some of the departments of the University.

Training Schools—Two training schools are established: first, an elementary training school organized for practice teaching for those preparing for kindergarten and elementary school work; second, a secondary training school which offers training in the six years of high school and gives ample opportunity for practice teaching to advanced students.

The degrees of Bachelor of Arts and Bachelor of Science are given to graduates of this College.

Students who are planning to become teachers in the elementary schools will be required to take a three-year course leading to the normal diploma which is granted to students registered in the College of Education who complete three years of college work. One hundred thirty-five hours are required for

the Normal Diploma. The prescribed work for this diploma is as follows:

Elementary Education 3, 4, 51, 54, 55, 56, 57, 61, or 63; Art 41, 42; Music 41; Psychology 51; Zoology 58; English 1, 2, 3; Library 11; Speech 1 or 11; Physical Education 1, 21, 22. Of the ten hours required in the Social Science group Sociology 1 or Education 1 is prescribed. In the Biological Science group, Bacteriology 21, and in the Physical Science group, Geography 52 are prescribed. The other electives should be chosen with the advice of the head of the department of Elementary Education.

Only students of Junior standing will be permitted to take elementary training.

Those who complete the University's requirement for a elementary teaching will receive, upon application, a diploma. These requirements include the minimum requirements prescribed by the state and, at the same time anticipate the requirement for a degree in Elementary Education which may be secured upon completion of one more year of carefully selected work.

The diploma is an endorsement of the students' fitness to teach in the elementary schools and will enable the student to secure a first class elementary school certificate from the Utah State Board of Education.

COLLEGE OF FINE ARTS

The policy of the University has always provided for a liberal patronage of the fine arts. A constantly growing desire to offer greater opportunities to those whose inclinations and talents lead them into this field resulted in the organization of the College of Fine Arts.

With an exceptionally well prepared faculty, who have received the benefits of extended study and travel in recognized art centers, and adequate physical equipment in each department, this college is able to do work of high scholastic standing.

Any course offered in this college, leading to a degree, is the cultural equivalent to other college courses differing from them mainly in respect to the emphasis placed upon the study of fine arts.

At present the following departments are fully organized: Art, Speech, and Vocal and Instrumental Music. Majors may be selected from the work offered by these departments. Graduates of this college may receive the degree of Bachelor of Arts or Bachelor of Science.

SUMMER SESSION

It is the policy of the Brigham Young University to make the summer session one of the regular quarters of the school year. A large corps of teachers, supplemented by well known educators from other institutions, offers a wide range of subjects from each of the departments of the school.

The summer session is divided into two terms so that students may be in attendance only part of the summer, if they desire, without hindrance to the completion of their courses. The first term is held on the Provo Campus, the second on the Alpine Campus to the east of Mount Timpanogos. This latter campus is located about fourteen miles from Provo at an elevation of nearly 7000 feet. Although a wide range of subject matter is taught on this campus it affords exceptionally fine conditions for the study of art and the natural sciences.

The summer session offers the opportunity to persons who are employed during the usual nine months of schooling to pursue graduate work, and to regular students the opportunity to complete requirements for graduation in a shorter time than four years.

LYCEUM COURSE

For many years the University has brought to its students distinguished men and women in lectures, in dramatic art, and in music.

During the past year the following appeared on the course:

David Seabury	Psychologist and Lecturer
Cornelia Stratton Parker	Novelist and Essayist (2 lectures)
Sigmund Spaeth	Music Humanizer (2 lectures)
Channing Pollock	Playwright
Jan Cherniavsky	Pianist (2 appearances)
Burton Holmes	Traveler and Lecturer
Ethan Colton	Political Observer
S. Miles Bouton	Journalist
George E. Vincent	Educator (2 lectures)
Carl Sundburg	Poet and Troubador
Will Durant	Philosopher (2 lectures)
Elmer Rice	Playwright (2 lectures)
Goeta Ljunberg	Metropolitan Opera Soprano
John T. Flynn	Editor and Economist
Louis K. Anspacher	Dramatist (2 lectures)
Arthur M. Harding	Mathematician and Astronomer
Roth Quartet and E. Robert Smitz.....	Pianists

Alberto Salvi.....	Harpist and Instrumental Quartet
Clifford C. Crump	Scientist and Philosopher
Maurice Hindus	Author and Lecturer
Paul Popenoe	Sociologist (3 lectures)
George Earle Raiguel	Political Observer (2 lectures)

Courses of Instruction

AGRONOMY

Professors Martin, Stewart, Morris; Associate Professors Sudweeks, Ivins, Shaw.

Students interested in the range management phase of forestry are advised to take the following courses:

Agronomy 21, 23, 41, 50, 52, 57, 70, 91, 94, 123, 170. Botany 50, 51, 54, 60, 70, 80, 86. Animal Husbandry 4, 5. Landscape Architecture 8, 9.

Lower Division Courses

21. General Crops. Winter. M. W. F., 1:30. (Lab. T. Th. 2:30-4:30.) Five hours credit. Shaw.

This course will deal with the fundamental principles underlying the production of crops. Selection, grading, judging and methods of protection will be studied.

23. Forage Crops. Spring. T. Th., 10:30. (Lab. 2:30-4:30.) Two hours credit. Shaw.

The Forage Crops, their history, cultivation and uses.

40. Weeds. Winter. T. Th., 2:30. Two hours credit. Shaw.
(See Horticulture 40.)

41. Elementary Soil Physics (General Soils). Autumn. T. Th., F. 1:30. (Lab. F. 2:30-4:30.) Three or four hours credit. Martin.

A review of the physical, chemical and microbiological phase of soil study with emphasis on soil physics.

Upper Division Courses

50. Advanced Cereal Crops. Spring. T. Th., 1:30. Two or three hours credit. Shaw.

A technical course largely based on morphology and physiology of the grasses.

52. Soil Chemistry. Autumn. W. F., 1:30. Two hours credit. Martin.

This course deals with the chemistry problem as applied to soils. A study is made of the chemical analyses of soils, soil alkali, soil acidity, the influence of organic matter, commercial fertilizers and certain rarer elements on the chemical characteristics and changes in the soils. Studies

are also made on the role that these substances play in plant growth.

53. **Soil Chemical Analysis.** Autumn. W. F., 2:30-5:30. Two hours credit. Martin.

A laboratory course designed to accompany the lecture course in Soil Chemistry. Complete quantitative analyses are made of soils, fertilizers, and organic matter. Written reports and discussions of the chemistry involved will be part of the work.

54. **Conservation and Land Utilization.** Spring. Three hours credit. (See Geography 54.)

57. **Soil Geology.** Spring. T. Th., 8:30. Three hours credit. Martin. (Lab. F. 2:30-4:30.) (See Geology 57.)

A review of the geological forces responsible for the formation of soils, a study of the influence that climate has had on the various soil horizons, also a study of land evaluation and classification. Prerequisites: Geology 1, Agronomy 41, Physics 21 and General Chemistry.

59. **Plant Breeding.** Winter. M. W. F., 1:30. Three hours credit. Morris. (See Horticulture 59.)

60. **Farm Management.** Winter. M. W. F., 1:30. Three hours credit. Ivins. (See Animal Husbandry 60.)

This course takes up the general consideration of farm management; types of farming, farm layout, farm capital, equipment, labor, tenancy, etc.

61. **Economics of Farm Organization.** Winter. M. W. F., 9:30. Three hours credit. (Not given this year.)

The application of economics and business principles to the organization and management of a farm; the farmer as a business proprietor, his selection and combination of factors of production and farm enterprises.

63. **Teaching of Agriculture.** Autumn. Three hours credit. Sudweeks. (See Secondary Education 63.)

70. **Range and Forest Soils.** One to four hours credit. Stewart and Martin. (Given by special arrangement.)

Nature and quality of soils as they occur on ranges and forests of the intermountain region. Advanced students admitted by application for thesis problem in field during spring, summer or autumn.

73. **Range Management.** Time and credit to be arranged. Stewart and Shaw.

75. **Geography of Agriculture.** Three to six hours of credit in proportion to amount of work done. Stewart and Martin.

A course dealing with the location and nature of agricultural development, including grazing, as determined by climate, topography, soil, water supply, transportation, markets and other geographic influences.

91. **Western Land Problems.** Spring. M. W. F. Three hours credit. Johnson. (See Agricultural Economics 91.)

92. **Soil Microbiology.** Winter. M. W. F., 1:30. Three hours credit. Martin.

A lecture course designed to acquaint the student with bacteria in relation to soil fertility. Prerequisites: Bacteriology 21, and Agronomy 41, 52.

93. **Soil Microbiology.** Autumn. W. F., 2:30-5:30. Two hours credit. Martin.

A laboratory course to accompany course 92. It will consist of a study of methods used in bacteriological investigation. Prerequisites: Bacteriology 22, and Chemistry 10, 11.

94. **History of Agriculture.** Spring. M. W. F., 9:30. Three hours credit. Johnson. (See Agricultural Economics 93.) (Not given this year.)

95. **Algae and Fungi of the Soil.** (See Bacteriology 95.)

96. **Seminar.** Autumn, Winter or Spring. One hour credit. Martin.

Current agronomic literature, agricultural problems. Assigned topics will be considered in the form of a round table discussion. Required of all seniors and graduate students majoring in agronomy.

97. **Research.** Seniors specializing in agronomy may elect research work from three to six hours. Time and credit to be arranged. Martin.

98. **Special Problems in Soils.** Winter or Spring. Credit and subject matter to be arranged. Martin and Shaw.

Algae and fungi activities in soil, fermentation, physical, chemical, and biological properties of native soils, nitrification, nitrogen-fixation and lignin protein complex studies are among the problems considered in the course. Type of problem selected is based upon the previous preparation of the student.

99. **Agricultural Literature.** A study of agronomic literature. Special problems and written reports. Time and credit to be arranged. Martin.

Graduate Courses

120. **Agronomy.** Research in Biological Methods. (See Horticulture 120.)

123. Advanced Range Management. Time and credit to be arranged. Stewart.
157. Soil Geology. Spring. T. Th., 8:30. Three hours credit. Martin.
170. Range and Forest Soils. Four or five hours credit. Stewart.
175. Geography of Agriculture. Time and credit to be arranged.
191. Western Land Problems. Spring. Three hours credit. Johnson.
192. Soil Microbiology. Autumn. M. W. F., 1:30. Three hours credit. Martin.
193. Soil Microbiology Laboratory. Autumn. W. F., 2:30-5:30. Two hours credit. Martin.
195. Algae and Fungi of the Soil. (See Bacteriology 195.)
196. Seminar. Credit to be arranged.
197. Research. Time and credit to be arranged.
198. Special Problems in Soils. Time and credit to be arranged.
199. Agricultural Literature. Time and credit to be arranged.
200. Thesis. Credit to be arranged.

ANIMAL HUSBANDRY

Associate Professor Ivins; Dr. Cullimore

Lower Division Courses

1. Elementary Stock Judging. Autumn. M. W. F., 1:30-4:30. Three periods of three hours a week. Three hours credit. Ivins. (Not given this year.)

This course consists of a study of the market types and classes of live stock. Field trips will be made to farms of the country where practice in scoring and judging of animals will be done.

2. History of Breeds. Spring. Daily, 9:30. Five hours credit. Ivins.

All breeds of live stock will be studied. Emphasis will be directed to the condition under which the breeds were formed, the men who did the work, and the adaptability of the breed to western conditions.

4. Beef Cattle Husbandry. Autumn. T. Th., 9:30. Two hours credit. Ivins.

This course is a consideration of the types and breeds, feeds, care and management of beef cattle for western conditions. The student will be made familiar with beef animals by frequent field trips.

5. **Sheep Husbandry.** Winter. T. Th., 9:30. Two hours credit. Ivins.

Types and breeds of sheep will be reviewed followed by study of the management, care and feeding of sheep, both on the range and on the farm.

6. **Swine Husbandry.** Winter. T. Th., 10:30. Two hours credit. Ivins.

Types, breeds and management of swine and their place on western farms. Emphasis will be put on their relation to dairy farming.

7. **Feeding of Farm Animals.** Spring. M. W. F., 10:30. Three hours credit. Ivins.

A study of the chemical composition of feeds, the needs of the animal body, the compounding of rations and methods of practice in feeding.

8. **General Poultry.** Winter. M. W. F., 9:30. Three hours credit. Ivins.

A study of breeds, judging, breeding, incubating, brooding, housing, feeding and marketing.

9. **Diseases of Farm Animals.** Autumn. M. W. F., 1:30. Three hours credit. Ivins.

A study of the anatomy of farm animals, of the common diseases of horses, cattle, sheep, hogs, and poultry; their causes, prevention, and treatment.

21. **Elements of Dairying.** Autumn. M. W. F., 8:30. Three hours credit. Ivins.

A general survey of dairying and its relation to Utah agriculture; the secretion, composition and properties of milk; the conditions that affect quantity and quality of milk; use of milk as human food.

Upper Division Courses

51. **Animal Breeding.** Autumn. M. W. F., 10:30. Three hours credit. Ivins.

Principles, practices, and methods involved in the breeding and development of domesticated animals. Mendelism in animals, transmission, heredity, value of pedigree, systems of breeding, etc. Prerequisite: Zoology 78, or Botany 80.

59. **Types and Breeds of Poultry.** Autumn. T. Th., 1:30. Two hours credit. Ivins.

A study of the popular breeds of domestic fowls, their origin, classification, methods of mating and breeding.

Designed especially for students planning to engage in Smith-Hughes and club work.

60. **Farm Management.** Winter. M. W. F., 1:30. Three hours credit. Ivins.

This course takes up the general consideration of farm management, with special attention to livestock on the farm.

65. **Animal Physiology.** Spring. M. W. F. Laboratory, T., 1:30-4:30. Five hours credit. Cullimore. (See Zoology 65.)

81. **Milk and Milk Products.** Winter. M. W. F., 10:30. Three hours credit. Ivins.

A course dealing with the properties, composition, and constituents of milk, the manufacture and marketing of milk products. Prerequisites: Animal Husbandry 21 and one year of bacteriology.

91. **Dairy Survey.** Winter. Time to be arranged. One hour a week. One hour credit. Ivins.

A study of current literature and experiments in dairy work. Each student will be expected to make reports on various subjects in this field which will be discussed by the class.

92. **Seminar.** Spring. Time to be arranged. One period a week. Ivins.

Current literature and problems in the field of Animal Husbandry will be studied and discussed. Required of all seniors who major in Animal Husbandry.

98. **Experimental Animal Nutrition.** Open to seniors and graduates only. Prerequisites: 5 hours in organic or bio-chemistry, and Animal Husbandry 7. This course is designed to acquaint students with the methods used in small animal experimentation. One hour lecture. Laboratory time and credit to be arranged.

Graduate Course

110. **Research in Nutrition.** Time and credit to be arranged. Ivins.

Open to graduates only, major or minor. Designed for students in Animal Husbandry and Home Economics who desire to get acquainted with the problems of nutrition.

ART

Professor Larsen; Assistant Professors Jensen, Snell; Miss Birrell.

Students majoring in Art are required to take courses 1, 7, 8, 9, 11, 12, 13, 14, 15, 16, 21, 38, 39, 40, 52, 53, 74, 75, 76. Those preparing to teach Art are required to take 28, 29, 54 additional.

Lower Division Courses

1. **Art Appreciation.** Autumn. T. Th., 1:30. Two hours credit. Birrell.

Foundational principles of art introduced as means for the general appreciation of beauty in nature and in the creations of the artist. Illustrated orientation lectures related to historical art development.

7. **Graphic Representation.** Autumn. M. W. F., 2:30. Two hours credit. Larsen.

Object drawing in various media. Emphasis upon tone study in charcoal and upon mass media. Linear and circular perspective.

8. **Graphic Representation.** Winter. M. W. F., 2:30. Two hours credit. Larsen.

Emphasis upon drawing from still life, the cast, and the costumed model. Objective composition.

9. **Illustration.** Spring. M. W. F., 2:30. Two hours credit. Larsen.

Figure and Landscape Composition with various media.

- 11, 12, 13. **Water Color Painting.** Autumn, Winter, Spring. T. Th., 10:30. Two hours credit each quarter. Birrell.

Pictorial composition emphasized. Theory of color scheming. Standard methods of rendering introduced. Still life painting. Objective representation and landscape composition emphasized.

- 14, 15, 16. **Commercial Art.** Autumn, Winter, Spring. T. Th., 1:30. One or two hours credit each quarter. Jensen (See Marketing 14, 15, 16.) Art 11, 12, and 13 recommended as parallel courses.

Show card writing, poster designing, advertising arrangement.

21. **Theory and Practice of Design.** Autumn. M. W. F., 1:30. Two hours credit. Larsen. (See Drawing 1.)

Rhythm, balance, harmony, and other foundational principles. Color study. The principles of design and color theory that are fundamental to the other courses in this department.

- 25, 26. **Applied Design.** Winter and Spring. T. Th., 1:30. Studio hours to be arranged. Two hours credit. Birrell.

The principles of creative design as applied to the textile arts and ceramics and various crafts. Theory of color adapted to creative design. Motif application of motif drawing. Prerequisite: Art 21.

28. **Home Planning.** Winter. M. W. F., 1:30. Two hours credit. Larsen.

Art principles applied to house planning. Historic development of the house. Study of common types of American homes. Relation of house and garden. Study of line, form and color.

29. **Interior Decoration.** Spring. M. W. F., 1:30. Two hours credit. Larsen.

The study of the art principles as applied to the decoration and the furnishing of the home.

38. **Outdoor Sketching.** Autumn. M. W. F., 3:30 to 5:30. Two hours credit. Larsen.

Study of landscape elements and landscape composition.

39. **Still Life and Figure Painting.** Winter. M. W. F., 3:30 to 5:30. Two hours credit. Larsen.

Pictorial composition emphasized.

40. **Outdoor Sketching.** Spring. M. W. F., 3:30 to 5:30. Two hours credit. Larsen.

- 41, 42, 43. **Art for Elementary School Teachers.** Autumn, Winter, Spring, M. W. F., 3:30. One to three hours credit each quarter. Jensen.

Simple drawing and painting with various media. Methods of teaching and integrating art with the other subjects will be stressed.

Upper Division Courses

52. **Art History and Appreciation.** Winter. M. W. F., 10:30. Two hours credit. Birrell.

Prehistoric structure, sculpture, graphic art and decoration. Interpretation and classification of masterpieces of architecture, sculpture, graphic arts, ornament and painting to the end of the middle ages.

53. **Art History and Appreciation.** Spring. M. W. F., 10:30. Two hours credit. Birrell.

Renaissance architecture, sculpture, graphic arts, ornament and painting. Emphasis upon schools of painting beginning with the Primitive Florentine down to those of the nineteenth century. Illustrated lectures.

- 54, 55, 56. **Methods of Teaching Art.** Autumn, Winter, Spring. M. W. F., 9:30. Three hours credit. Larsen, Birrell.

Course of study planning. Survey of art mediums, materials, and tools best adapted especially to the secondary

school level. Application problems adapted to student's needs.

- 57, 58, 59. Interpretative Drawing. Autumn, Winter, Spring. M. W. F., 2:30. Two hours credit. Larsen.

Figure and nature compositions in various media. Head, life, and the costumed model emphasized.

- 61, 62, 63. Commercial Art. Autumn, Winter, Spring. T. Th., 1:30. Studio hours to be arranged. Two to four hours credit each quarter. Jensen.

Poster designing and lettering. Systems of lettering. Sign writing introduced. Historical alphabets. Prerequisites: Art 14, 15, 16, 17, 18, 19.

64. Water Color Painting. Autumn. M. W. F., 3:30 to 5:30. Two to four hours credit. Larsen.

Objective landscape and still-life painting. Emphasis upon composition in line, mass and color. Theory of color scheming continued. Out-door sketching.

65. Water Color Painting. Winter. M. W. F. 3:30 to 5:30. Two to four hours credit. Larsen.

Illustrative and decorative landscape painting emphasized. Color theory applied.

66. Water Color Painting. Spring. M. W. F., 3:30 to 5:30. Two to four hours credit. Larsen.

Continuation of Art 65. Outdoor sketching. Individual expression emphasized.

67. Oil Painting. Autumn. M. W. F., 3:30 to 5:30. Two to four hours credit. Larsen.

Emphasis upon landscape painting.

68. Oil Painting. Winter, M. W. F., 3:30 to 5:30. Two to four hours credit. Larsen.

Painting from still life and the costumed model.

69. Oil Painting. Spring, M. W. F., 3:30 to 5:30. Two to four hours credit. Larsen.

Outdoor sketching and landscape composition.

- 74, 75, 76. Advanced Design. Autumn, Winter, Spring. T. Th., 9:30. Two hours credit each quarter. Birrell.

Craftswork emphasized.

- 78, 79. Home Planning and Interior Decoration. Winter and Spring. M. W. F., 1:30. Two hours credit each quarter. Larsen.

- 91, 92, 93. Interior Decoration. Autumn, Winter, Spring. T. Th., 9:30. Two hours credit each quarter. Larsen.

History of Interior Decoration. Emphasis on period fur-

nishings. A practical study of the manufacture, design, installation and care of all mediums and materials used in interior decoration and home furnishings. Practical problems in interior decoration. Prerequisites: Art 21, 28, 29. (See Household Administration 52, 53, 54.)

Graduate Courses

114, 115, 116. Commercial Art. Autumn, Winter, Spring. T. Th., 1:30. Two hours credit. Jensen.

124, 125, 126. Advanced Design. Autumn, Winter, Spring. T. Th., 9:30. Birrell.

151, 152, 153. Nineteenth and Twentieth Century Art. Autumn, Winter, Spring. T. Th., 9:30. Two hours credit. Larsen.

Appreciative interpretation of important works of art. Impressionism and modernist experiments in Europe and America. The development of American art. Brief survey of Utah art. Contemporary artists and their work.

154. Advanced Normal Art Method. Autumn. M. W. F., 9:30. Three hours credit. Larsen and Birrell.

157, 158, 159. Interpretative Drawing and Painting. Autumn, Winter, Spring. 2:30. Two hours credit. Larsen.
Composition study in various media.

164, 165, 166. Water Color Painting. Autumn, Winter, Spring. M. W. F., 3:30 to 5:30. Two to four hours credit each term. Larsen.

Pictorial composition emphasized. Development of individual expression.

167, 168, 169. Pictorial Composition—Painting. Autumn, Winter, Spring. M. W. F., 3:30 to 5:30. Two to five hours credit. Larsen.

191, 192, 193. Interior Decoration. Autumn, Winter, Spring. T. Th., 9:30. Larsen.

200. Research. Autumn, Winter, Spring. W., 3:30. Credit to be arranged.

BACTERIOLOGY

Professor Martin; Assistant Professor Bryner; Dr. Oaks, Miss Snow.

21. General Bacteriology. Autumn, Winter or Spring. M. W. F., 9:30. Three hours credit. Martin and Snow.

The course will consist of a study of the general characteristics and activities of microorganisms and their relation to man.

22. **General Bacteriology Laboratory.** Autumn, Winter or Spring. Sec. 1. T. Th.; Sec. 2. Autumn, Winter, M. W., 1:30-4:30. Two hours credit. Martin and Snow.

Laboratory course in general bacteriology, designed to accompany Bacteriology 21.

Upper Division Courses

62. **Bacteriology of Milk.** Spring. Laboratory 1:30-4:30, T. Th., and one class period to be arranged. Three hours credit. Martin. (Not given this year.)

Attention is given to the bacteria of milk and milk products in general, and their relation to disease. Prerequisites: Bacteriology 21 and 22, and Animal Husbandry 21.

71. **Bacteriology of Fermentation.** Autumn. M. W. F., 10:30, and one laboratory period. Four hours credit. Bryner.

A study of the industrial applications of bacteria, including yeast, lactic, butyl isotonic, citric acid and other fermentations. Prerequisites: Bacteriology 21 and 22, and Chemistry 71.

73. **Physiology of Bacteria.** Winter. M. W. F., 8:30. Bryner.

A study of the effect of environment on growth of bacteria.

81. **Pathogenic Bacteriology.** Spring. M. W. F., 1:30. Three hours credit. Oaks and Martin.

An advanced course in bacteriology designed for those desiring information about human diseases and who are preparing for the professions of nursing, public health, dietetics and medicine.

82. **Pathogenic Bacteriology Laboratory.** Spring. M. W., 2:30-5:30. Two hours credit. Martin.

Designed to accompany Bacteriology 81.

92. **Soil Microbiology.** Winter. M. W. F., 1:30. Three hours credit. Martin.

A lecture course designed to acquaint the student with microorganisms in relation to soil fertility. Prerequisites: Bacteriology 21 and Agronomy 41, 52.

93. **Soil Microbiology Laboratory.** Winter. W. F., 2:30-5:30. Two hours credit. Martin.

A laboratory course to accompany Bacteriology 92.

It will consist of a study of methods used in bacteriological investigation. Prerequisites: Bacteriology 21, 22, and Chemistry 10.

95. **Algae and Fungi of the Soil.** Autumn. Three hours credit. Time to be arranged. Martin and Snow.

A course designed to acquaint the student with the types of algae and fungi which inhabit the soil.

96. **Seminar.** One hour credit each quarter. Martin, Oaks and Snow.

98. **Special Problems in Bacteriology.** Credit, time and subject matter to be arranged. Martin, Oaks and Snow.

Problems having to do with determinative bacteriology, algae and fungi activities in soil fermentation, disinfection and antiseptic studies, organisms which infect the nose and throat, food and fomite studies will constitute the burden of the course. Type of problem selected will be based upon the previous preparation of the student.

Graduate Courses

171. **Bacteriology of Fermentation.**
181. **Pathogenic Bacteriology.**
182. **Pathogenic Bacteriology Laboratory.**
192. **Soil Microbiology.**
193. **Soil Microbiology Laboratory.**
195. **Algae and Fungi of the Soil.**
196. **Seminar.**
198. **Special Problems.**
200. **Thesis.** Credit to be arranged.

BOTANY

Associate Professor Harrison; Professors Stewart, Morris; Miss Snow.

Students majoring in Botany should present credit in Botany 1, 3, 21, 50, 51, 52, 54, 60, 70, 80, 95.

Lower Division Courses

1. **General Botany.** Autumn, Winter, T. Th., 9:30; Spring. T. Th., 10:30. Laboratory, Sec. 1, T. Th., 1:30 to 3:30; Sec. 2, 3:30 to 5:30; Sec. 3, W. F., 3:30 to 5:30. Four hours credit. Harrison and Snow.

Course dealing with the fundamentals of the structure, physiology, and reproduction of plants. Prerequisite course to further work in the field of plant life. Also recommended for the non-science student.

2. **General Botany.** Winter. T. Th., 10:30. (Lab. M. 1:30 to 4:30.) Three hours credit. Snow.

An introduction to members of the plant kingdom exclusive of the seed-plants. The habitat, structure, and life-history of members of a representative series of algae, fungi, mosses, and ferns are considered.

3. **Classification of Plants.** Spring. M. W. F., 3:30 to 5:30. Four hours credit. Harrison.

The classification of seed plants and ferns of the Wasatch region to acquire a familiarity with the general principles of systematic botany, to learn the distinctive characteristics of the larger groups of plants, and to develop skill in the use of manuals.

8. **Ornamental Woody Plant Materials.** Autumn. T. Th., 8:30. (Lab. 2:30-5:30.) Three hours credit. Morris. (See Horticulture 8.)

9. **Ornamental Woody Plant Materials.** Spring. T. Th., 8:30. (Lab. 2:30 to 5:30.) Three hours credit. Morris. (See Horticulture 9.)

21. **Anatomy.** Autumn. M. W. F., 1:30 to 3:30. Three hours credit. Harrison.

An introductory course in the origin, development, and maturation of the structures of vascular plants. Prerequisite: Botany 1.

25. **Plant Histology.** Winter. Time to be arranged. Three hours credit. Harrison.

A laboratory course in the technique of preparing, cutting, staining, and mounting tissues for microscopic examination. Prerequisite: Botany 1.

Upper Division Courses

50. **Morphology of Algae.** Autumn. T. Th., 8:30. Two lectures and one three-hour laboratory period a week. Three hours credit. (Not given this year.)

A study of the morphology, life histories, classification and relation of the main groups of algae. Prerequisite: Botany 1.

51. **Morphology of Fungi.** Autumn. T. Th., 8:30. (Lab. W. F. 2:30 to 4:30.) Three hours credit. Harrison.

A study of the development, morphology, and relationships of representative fungi. Prerequisite: Botany 1.

52. **Morphology of Bryophytes, and Pteridophytes.** Winter. T. Th., 8:30. (Lab. W. F., 2:30 to 4:30.) Three hours credit. Snow.

A study of the morphology, life histories, and relationships of the liverworts, mosses and ferns. Prerequisites: Botany 1, 21.

54. **Morphology of Spermatophytes.** Spring. T. Th., 8:30. (Lab. W. F., 2:30 to 4:30.) Three hours credit. Snow.

A study of the morphology, life histories, classifications and relationship of the higher plants. Prerequisites: Botany 1, 21.

60. **Plant Physiology.** Winter. M. W., 9:30. (Lab. M. W., 1:30 to 4:30.) Four hours credit. Harrison.

A lecture and laboratory course in physiology of plants, covering such topics as absorption, transpiration, synthesis of carbohydrates, digestion and growth. Prerequisites: Botany 1 and Chemistry 1 and 4.

70. **Plant Pathology.** Autumn. M. W. F., 10:30; (Lab. W. F., 3:30 to 5:30.) Four hours credit. Harrison.

This course deals with the important diseases of local plants, their identification, cause and treatment. Prerequisite: Botany 1, 51. (Not given this year.)

80. **Plant Ecology.** Spring. T. Th., 10:30. Field trip or laboratory period on alternating Saturdays. Four hours credit. Harrison.

The plant in relation to its environment and its adaptation to the factors of soil and climate; plant communities and succession of various types of vegetation. Prerequisite: Botany 1.

86. **Experimental Ecology.** Spring. T. Th., 9:30. (Lab. M. W., 1:30 to 3:30.) Three hours credit. Harrison.

A course dealing with the behavior of plants and plant organs under measured and controlled environmental conditions. Prerequisites: Botany 60, 80.

92. **Soil Microbiology.** (See Agronomy 92.)

93. **Soil Microbiology Laboratory.** (See Agronomy 93.)

95. **Seminar.** Autumn, Winter. M., 4:30. One hour credit each quarter. Harrison, Snow.

Required of all majors in their junior and senior years.

97. **Special Problems in Botany.** Credit, one to five hours. Time and credit to be arranged. Harrison, Snow.

Graduate Courses

153. **Advanced Special Morphology.** Time and credit to be arranged.

Critical studies in the morphology of special groups.

170. Plant Pathology.**183. Field Ecology.** Time and credit to be arranged.

Field work in plant ecology done in connection with the regular biological expeditions sent out by the University. The full time of the student will be required during the period of field work.

186. Experimental Ecology.**189. Range and Forest Ecology.** Autumn, Spring or Summer. One to four hours credit. Stewart and Martin.

Distribution of desert, and mountain plants as influenced by the climatic and soil environments. Graduate students may be admitted by application for thesis problem in field.

192. Soil Microbiology.**193. Soil Microbiology.****195. Seminar.****197. Special Problems in Botany.****200. Research.** Any quarter. Four to six hours credit. Harrison, Snow.

Independent research on a thesis problem and the writing of the thesis.

CHEMISTRY

Professor Maw; Associate Professor Nicholes; Assistant Professors Bryner and Peterson; Mr. Wing.

Students majoring in Chemistry must present credit in Chemistry 4 and 5, or its equivalent, 6, 10, 11, 71, 72, 73, 97, and 81 or 76; also Seminar. It is advised that the fundamental courses in Mathematics, Physics, German, and French be taken as early as possible.

Suggestive sequence for Chemistry majors: Chemistry 4, 5, and 6, the Freshman year; 10, 11, 12 or 62, and 51, 52, 53, the Sophomore year; 71, 72, 73, the Junior year; and 81, 82, 83 or 76, and Seminar, the Senior year.

Lower Division Courses**1. A Survey Course in Chemistry.** Autumn, Winter, or Spring. Daily, 10:30. Four lectures and demonstration periods and one quiz period. Four hours credit. Bryner and Peterson.

An introductory survey of Chemistry intended for students who desire a knowledge of the subject for its cultural and informational value.

- 2, 3. **Introductory General Chemistry.** Autumn and Winter or Winter and Spring. Course 2. Daily, 1:30, Autumn or Winter. Course 3., Daily. Winter or Spring, 3:30. Two laboratory periods. Sec. I, M. W., 3:30-5:30. Sec. II, T. Th., 3:30-5:30. Five hours credit each quarter. Peterson.

For students beginning the study of Chemistry.

- 4, 5. **General Chemistry.** Autumn, Winter. Daily. Section I, 8:30; Sec. II, 2:30. Two laboratory periods. (Lab. Sections: T. Th., 9:30-11:30 or 12:30-2:30 or 1:30-3:30. M. W., 12:30-2:30 or 1:30-3:30.) Five hours credit each quarter. Nicholes. Prerequisite: High School Chemistry.
6. **Qualitative Analysis.** Autumn and Spring. T., 8:30 or 2:30. Laboratory time to be arranged. Five hours credit. Nicholes,, Peterson and Wing.

The theory and practice of inorganic qualitative analysis. The qualitative processes are inductively developed in the laboratory. Prerequisites: Chemistry 4 and 5, or equivalent.

- 7, 8. **Introductory General Chemistry.** Autumn and Winter. M. W. F., 9:30. Two laboratory periods. Sec. I. M. W., 3:30-5:30. Sec. II. T. Th., 3:30-5:30. Peterson.

For students beginning the study of chemistry. Intended primarily for students of home economics.

9. **Elementary Organic Chemistry.** Spring. M. W. F., 9:30. Lab. T. Th., 3:30-5:30. Five hours credit.

A survey course in Organic Chemistry for students of Home Economics and Agriculture. Foundational for Foods and Nutrition.

- 10, 11. **Elementary Quantitative Analysis.** Autumn and Winter, or Winter and Spring. One lecture: Course 10. Autumn. M., 2:30. Winter. W., 2:30. Course 11: Winter. M., 2:30. Spring. W., 2:30. Two laboratory periods: M., 3:30-5:30; W., 2:30-5:30. Three hours credit each quarter. Maw and Wing.

The technique of gravimetric and volumetric processes of quantitative determinations. The principles and theoretical background are discussed. Prerequisites Chemistry 4, 5, 6, and College Algebra.

12. **Elementary Quantitative Analysis.** Spring. Three hours credit. Maw and Wing.

Continuation of 11.

Upper Division Courses

51. **Inorganic Chemistry.** Autumn. T. Th., 10:30. Two hours credit. Nicholes.

A lecture course dealing with theoretical phases of inorganic chemistry.

- 52, 53. **Inorganic Chemistry.** Winter, Spring. T. Th., 10:30. Two hours credit each quarter. Nicholes.

A lecture course dealing with the preparation, properties, composition and uses of the inorganic substances.

57. **Methods of Glass Manipulation.** Autumn, Winter, Spring. Two laboratory periods. Time to be arranged. One hour credit. Bryner. Exercises in glass working. Demonstrations with pyrex.

58. **Laboratory Technique.** Autumn, Winter, Spring. Two laboratory periods. Time to be arranged. One hour credit. Bryner.

Laboratory course in construction and repair of glass apparatus. Registration by permission.

62. **Quantitative Analysis.** Autumn, Spring. M., 2:30. Two three-hour laboratory periods. 2 to 4 hours credit. Continuation of Chemistry 11. Maw and Wing.

Includes electrolytic processes, lectures and student reports on special topics on chemical principles involved. Demonstrations of special methods.

63. **Advanced Quantitative Analysis.** Autumn, Winter, Spring. Time to be arranged. 2 to 10 hours credit according to work done. Maw and Wing.

Complete analysis of typical minerals. Includes silicates. Written reports.

64. **Advanced Qualitative Analysis.** Spring. One recitation. Six hours laboratory work. Time to be arranged. Three hours credit.

Laboratory exercises include anions, complex ions, and some of the rare elements. Prerequisites: Acceptable courses in qualitative and quantitative analysis, or permission by the instructor.

66. **Special Methods.** See Chemistry 166. Staff.

- 71, 72, 73. **Organic Chemistry.** Autumn, Winter, Spring. Daily, 10:30. Two laboratory periods, T. Th., 1:30-3:30. Five hours credit each term. Maw.

A study of carbon compounds. Laboratory experiments in the syntheses and reactions of the different classes of organic compounds. The Autumn quarter deals with Aliphatic compounds. The Winter quarter with Aliphatic and Aromatic compounds. The course deals with compounds that are important from the theoretical, technical and bio-

logical standpoints. The Spring quarter completes the discussion of the Aromatic compounds and reviews the whole field in the form of qualitative tests and analysis of Organic compounds and mixtures.

76. Biochemistry. Autumn. M. W. F., 9:30. Three two-hour laboratory periods. M. W. F., 3:30-5:30. Five hours credit.

A study of the constitution and reactions of proteins, fats, carbohydrates, and allied compounds of biological significance. It deals also with enzyme action, digestion, absorption, metabolism, and excretion.

77. Biochemistry. Winter. M. W. F., 9:30. Three two-hour laboratory periods: T. Th., 3:30-5:30. Five hours credit.

A continuation of Chemistry 76.

78. Biochemical Methods. Spring. Time to be arranged. Two to six hours credit.

Quantitative methods of blood, urine, and gastric analysis.

- 81, 82, 83. Physical Chemistry. Autumn, Winter. M. W. F., 8:30. One three-hour laboratory period, T. or Th., Spring: lectures, T. Th., 2:30. Two three-hour laboratory periods, T. and Th., 1:30-4:30. Four hours credit each term. Bryner.

This course deals with properties of gases, liquids, solids, solutions, thermochemistry, reaction velocity, electrochemistry, equilibrium, and colloids. Prerequisites: Physics 43, Calculus, and Chemistry 11.

Non-Chemistry majors may register as 185, 186, 187 for graduate credit.

84. Colloid Chemistry. Spring. T., 8:30. Two laboratories. T. Th., 1:30. Three hours credit. Bryner and Peterson.

A systematic survey of the properties of colloidal systems.

- 90, 91, 92. Seminar. Autumn, Winter, Spring. M., 4:30. One hour credit each quarter. Staff.

Open to advanced undergraduates and required of senior and graduate majors.

97. Special Problems. Time and credit to be arranged. Registration by permission.

Graduate Courses

106. Studies in the History of Chemistry. Spring. F., 1:30. Two hours credit. Maw.

151. Advanced Inorganic Chemistry. Spring. M. W. F., 10:30. Three hours credit. Nicholes.

A systematic study of the chemical elements based upon their periodic classification and atomic structure.

152. **Advanced Inorganic Chemistry.** Winter. M. W. F., 10:30. Three hours credit. Bryner.

A systematic study of the chief classes of inorganic compounds such as: oxides, acids, bases, hydrides, chlorides, sulphides, carbides, silicides, borides, intermetallic compounds, and theories of complex compounds.

153. **Advanced Inorganic Chemistry.** Autumn. M. W. F., 9:30. Three hours credit. Peterson.

Studies of the modern concepts of acids, bases, and salts, solutions in non-aqueous solvents, and the theories of solutions.

161. **Advanced Analytical Chemistry—Theoretical.** Winter. Time to be arranged. Three hours credit.

Advanced topics in theoretical analytical Chemistry.

163. **Advanced Quantitative Analysis.** Autumn, Winter, or Spring. One to ten hours credit according to work done.

The analysis of typical minerals. Includes silicates. Written reports.

166. **Special Methods of Chemical Analysis.** Time to be arranged. Two hours credit. Prerequisites: Chemistry 10, 11, 12 or 62. Maw and Wing.

a. Water analysis.

b. Electrolytic analysis.

c. Assaying. Lectures and laboratory practice. Assays of gold, silver, copper, and lead are made.

d. Iron and Steel Analysis.

e. Fuel and Gas Analysis. The analysis of natural, artificial, and flue gases, and the analysis and calorimetry of coal.

f. Toxicology. Theory and practice of the detection and estimation of toxic substances. Includes alkaloids, toxic gases, and inorganic poisons.

g. Agricultural Chemical Analysis. Two to four hours credit.

167. **Micro-Chemical Analysis.** Winter. Time to be arranged. Three hours credit.

Training in the essential manipulative technique for qualitative and quantitative determinations by micro-chemical methods.

171. **Qualitative Organic Analysis.** Autumn. One lecture. Two three-hour laboratory periods. Time to be arranged. Three hours credit. Maw.

Problems and assigned readings. Practice in identifying pure organic compounds and simple mixtures by analysis, physical properties and the preparation of derivatives.

172. **Quantitative Organic Analysis.** Spring. Two three-hour laboratory periods. One lecture. Time to be arranged. Three hours credit.

Quantitative analysis of organic compounds. Combustion methods.

173. **Organic Preparations.** Spring. One lecture. Two three-hour laboratory periods. Time to be arranged. Three hours credit. Maw.

174. **Theoretical Organic Chemistry.** Spring. Two lectures. Time to be arranged. Two hours credit.

This course deals with fundamental theories of Organic Chemistry.

176. **Biochemistry.** For detailed description see 76.

179. **Zymo-Chemistry.** Winter. Lectures: M. W. F., 8:30. Laboratory time to be arranged. Four hours credit. Bryner.

Chemistry of fermentations with special reference to the production of chemicals and industrial materials from agricultural products. Prerequisites: Chemistry 71 and Bacteriology 21.

- 181, 182, 183. **Advanced Physical Chemistry.** Autumn, Winter, Spring. T. Th., 11:30. Two hours credit each quarter. Bryner.

The more important phases of physical chemistry from the standpoint of thermodynamics. Autumn quarter includes gases, solutions, and solids. Winter: thermochemistry and phase rule. Spring: free energy and electrochemistry. Prerequisites: 81, 82, 83.

184. **Colloid Chemistry.** Spring. T., 8:30. Two laboratories: T. Th., 1:30. Three hours credit. Bryner and Peterson.

See Chemistry 84.

- 190, 191, 192. **Seminar.** See Chemistry 90, 91, 92.

197. **Research.** Special problems. Time and credit to be arranged. Staff.

200. **Thesis.** Time and credit to be arranged.

COMMERCE

ACCOUNTING AND BUSINESS ADMINISTRATION

Professors Hoyt, Clark, Poulson, Eyring, Johnson, Lambert; Associate Professor Boyle; Mr. Smith.

Students majoring in this department are required to take courses 2, 35, 51, and 74.

Lower Division Courses

1. **Elementary Accounting.** Autumn and Winter. Daily. Autumn, Sec. I, 9:30. Sec. II, 10:30; Winter, 10:30; Daily laboratory for all. Sections 1:30 and 2:30, one hour of which is required each day. Five hours credit. Johnson and Smith.
An introduction to college accounting. The aim of this course is two-fold: first, a preparation for those who plan to enter a business at once, and second, as a foundation course for advanced work in accounting.
2. **Elementary Accounting.** Winter and Spring. Daily Winter, Sec. I, 9:30, Sec. II, 10:30; Spring 10:30. Daily laboratory for all sections 1:30 and 2:30 one hour of which is required each day. Five hours credit. Johnson and Smith. Continuation of Course 1.
35. **Mathematical Theory of Investment.** Winter, M. W. F., 2:30. Three hours credit. Eyring. (See Mathematics 35.)
36. **Graphical and Statistical Methods.** Spring, M. W. F., 2:30. Three hours credit. Eyring. (See Mathematics 36.)

Upper Division Courses

- 50, 51, 52. **Intermediate Accounting.** Autumn, Winter, Spring. M. T. W. Th., 10:30. Four hours credit each quarter. Clark.
Primarily corporation accounting with special emphasis on problems of depreciation, bases of revaluation, inventorying, etc. Open to students who have had Accounting 2, or the equivalent.
54. **Credits and Collections.** Autumn. M. W. F., 10:30. Three hours credit. Hoyt.
Principles covering the granting of credit, the control of the credit line, when and how collections are made, establishment of retail credit bureaus, contracts, installment selling plans.
55. **Principles of Risk-Bearing.** Spring. M. W. F., 8:30. Three credit hours. Smith. (See Economics 55.)
62. **Industrial Management.** Winter. M. W. F., 8:30. Three hours credit. Hoyt.
The organization of business for the most effective control of industrial processes will be stressed. Pre-requisite, Economics 61.
63. **Educational and Vocational Guidance (Personnel Administration).** Spring. M. T. W. Th., 10:30. Four hours credit. Merrill and Lloyd. (See Secondary Education 94.)

64. **Psychology Applied in Business.** Spring. M. W. Th. F., 8:30. Four hours credit. Poulson. (See Psychology 64.)
65. **Experiments in Business Psychology.** Winter or Spring. Lecture Th., 2:30. Laboratory M. W. F., 3:30-5:30 or equivalent number of hours to be arranged. Three hours credit. Poulson and Gibb. (See Psychology 65.)

67. **Real Estate Procedure.** Autumn, Spring. M. W. F., 3:30. Three hours credit. Boyle. (Not given this year.)

A course which deals with the real estate problem, urban land valuation, real estate merchandising and selling, the problem of the separation of land and building valuation for rental purposes.

68. **Business Management.** Spring. M. W. F., 1:30. Three hours credit. Boyle. (Not given this year.)

The business cycle and its relation to policies and principles of business management. Senior standing is a prerequisite in order to draw upon the entire college background of business training.

74. **Principles of Statistics.** Autumn and Winter. M. W. F. Autumn 8:30; Winter 2:30. Three hours credit each quarter. Lambert.

Introduction to statistics. This course required of all majors in Economics, Finance and Banking, Accounting and Business Administration, and Marketing.

75. **Business Statistics.** Winter and Spring. M. W. F., 10:30. Three hours credit each quarter. Hoyt.

Fundamental method of statistics in business and economic applications. Estimating future business; economic forecasting; fluctuations of business. Prerequisite; Elementary statistics.

91. **Cost Accounting.** Autumn. M. T. W. F., 8:30. Four hours credit. Hoyt.

Introduction to methods and principles of cost finding. Specialized methods of handling materials, costs, labor costs and overhead expense. Prerequisites: Accounting and Business Administration, 50, 51 and 52.

92. **Advanced Cost Accounting.** Winter. M. T. W. F., 8:30. Four hours credit. Hoyt.

Industrial accounting. Practical work in cost determination. Analysis of uniform cost accounting systems of modern industries. Prerequisite: Accounting and Business Administration 91.

93. **Income Tax Procedure.** Spring. M. T. W. F., 8:30. Four hours credit. Hoyt.

Federal and State income tax regulations and procedure. This course is designed to qualify the student for practical income tax work. Prerequisite: Accounting and Business Administration, 50, 51, and 52.

94. **Auditing Theory.** Autumn. M. W. F., 9:30. Three hours credit. Hoyt.

Principles and methods of public accounting work. Rules of professional responsibility and conduct. Advanced interpretation of accounts and financial statements. Prerequisites. Accounting and Business Administration, 50, 51, and 52.

95. **Auditing Practice.** Winter. M. W. F., 9:30. Three hours credit. Hoyt.

Practical work in auditing. Technique of verification of accounts and financial statements. Audit working papers. Prerequisite: Accounting and Business Administration 94.

96. **Advanced Accounting Problems.** Spring. M. T. W. F., 9:30. Four hours credit. Hoyt.

C. P. A. and American Institute of Accountants problems. Prerequisites: Accounting and Business Administration 50, 51, 52. Courses recommended as preparation: Accounting and Business Administration 50, 51, 52, 92, 93, and 94; Finance and Banking 43, 44, 51 and 52.

Graduate Courses

101. **Cost Accounting.** (See Accounting and Business Administration 91.)
102. **Advanced Cost Accounting.** (See Accounting and Business Administration 92.)
103. **Income Tax Procedure.** (See Accounting and Business Administration 93.)
104. **Auditing Theory.** (See Accounting and Business Administration 94.)
105. **Auditing Practice.** (See Accounting and Business Administration 95.)
106. **Advanced Accounting Problems.** (See Accounting and Business Administration 96.)
- 111, 112, 113. **Research in Accounting.** Hours and credit to be arranged with instructor.

- 114, 115, 116. **Research in Statistics.** Hours and credit to be arranged with instructor.
- 181, 182, 183. **Seminar in Business Psychology.** One to three hours credit. (See Psychology 181, 182, 183.)

FINANCE AND BANKING

Professors Clark, Jensen, Miller, Lambert.

Lower Division Courses

14. **Economic and Financial History of the United States.** Autumn and Spring. M. W. F., 1:30. Three hours credit. Miller.
- The economic development of the United States through the colonial era and the period of the industrial revolution and westward movement, with emphasis upon economic integration and industrial organization.
43. **Commercial Law.** Autumn. M. T. W. Th., 8:30. Four hours credit. Jensen. (See Political Science 43.)
44. **Commercial Law.** Winter. M. T. W. Th., 8:30. Four hours credit. Jensen. (See Political Science 44.)
45. **Commercial Law.** Spring. M. T. W. Th., 8:30. Four hours credit. Jensen. (See Political Science 45.)

Upper Division Courses

- 51, 52. **Business Finance.** Autumn, Winter. M. T. W. Th., 9:30. Four hours credit each quarter. Clark.
- Financial problems connected with the organization of corporations, underwriting and the sale of securities, management, expansion, and the reorganization of those that are not successful. Prerequisites: Economics 1 and 2.
53. **Money and Banking.** Spring. M. T. W. Th., 9:30. Four hours credit. Clark.
- A study of the principles of money and banking and the exemplifications of these principles in the monetary and banking history of the United States. Prerequisites: Economics 1 and 2.
54. **Investments.** Spring. M. T. W. Th., 9:30. Four hours credit. Clark. (Not given this year.)
- A study of the various forms and methods of investment. Prerequisite: Finance and Banking 51.
67. **Public Finance and Taxation.** Winter. M. W. F., 10:30. Three hours credit. Miller. (See Economics 67.)

The science of public finance; the theory of public expenditure; public income and public debts; the preparation of the budget and financial administration.

Graduate Courses

101. **Research in Business Finance.** Winter, Spring. Two to five hours credit. Clark.

111. **Public School Finance.** Winter. Daily, 9:30. Five hours credit. Lambert.

The theory and practice of financing public education in the United States. The stress is placed upon revenue and distribution systems. A course in taxation should precede or parallel this course.

MARKETING

Professors Johnson, Miller, Hoyt, Elliott; Associate Professors Boyle, Shaw; Assistant Professor Edgar Jensen; Mr. Coffman, Mr. Smith.

Students majoring in this department are required to take Marketing 14, 15, 51, 57, 58, 59, 85, and Accounting 74. Psychology 64 and Economics 94 suggested.

Lower Division Courses

6. **Geography of Economic Products.** Winter. Daily, 8:30. Five hours credit. Coffman. (See Geography 6.)

14, 15, 16. **Commercial Art.** Autumn, Winter, or Spring. T. Th., 1:30. One or two hours credit each quarter. Jensen. (See Art 14, 15, 16.)

32. **Marketing Fruits and Vegetables.** Spring. M. W. F., 8:30. Three hours credit. Shaw. (See Horticulture 32.)

Upper Division Courses

51. **Economics of Consumption.** Autumn. T. Th., 9:30. Two hours credit. Johnson. (See Economics 51.)

54. **Credits and Collections.** Autumn. M. W. F., 10:30. Three hours credit. Hoyt. (See Accounting and Business Administration 54.)

56. **Transportation Problems.** Spring. M. T. W. Th., 2:30. Four hours credit. Smith. (See Economics 56.)

57. **Principles of Marketing.** Autumn. M. W. F., 8:30. Three hours credit. Hoyt. Prerequisites: Economics 1 and 2.

58. Principles of Merchandising. Winter. Daily, 9:30. Five hours credit. Johnson.

A study of principles and processes involved in marketing through existing retail outlets. Principles of salesmanship are included. Prerequisites: Marketing 57, and Accounting 1. Psychology 64, recommended.

59. Advertising. Spring. Daily, 9:30. Laboratory T. Th., 2:30-4:30. Five hours credit. Johnson.

The part advertising plays in business. Principles of advertising, including layout, media, campaigns, etc. Prerequisite: Marketing 14, 15, and 51. Psychology 64 recommended.

62. Textiles. Spring. T. Th., 10:30. Three hours credit each quarter. Elliott. (See Clothing and Textiles 62.)

67. Agricultural Marketing. Winter. M. W. F., 9:30. Three hours credit. Hoyt.

An analysis of the problems of cooperative marketing of agricultural products, from the standpoints respectively of farmers, middlemen, and consumers. Prerequisites: Economics 1, 2.

- 81, 82, 83. Commercial Art. Autumn, Winter, and Spring. T. Th., 1:30. Two hours credit each quarter. Jensen. (See Art 61, 62, 63.)

85. Seminar in Marketing. Spring. M. W. F., 2:30. Three hours credit. Johnson. (Open only to students who have had Marketing 58, and Accounting 74.)

A seminar in current problems in marketing. Students are required to develop at least one major study of a marketing problem.

Graduate Courses

156. Research in Transportation. Spring. M. T. W. Th., 2:30. Four hours credit. Smith.
157. Research in Marketing. Autumn. M. W. F., 8:30. Three hours credit. Hoyt.
- 158, 159. Research in Merchandising and Advertising. Winter, Spring. Daily, 9:30. Five hours credit. Johnson.
167. Research in Agricultural Marketing. Winter, M. W. F., 8:30. Three hours credit. Hoyt.
185. Seminar in Marketing. Spring. M. W. F., 2:30. Three hours credit. Johnson.
200. Thesis.

OFFICE PRACTICE

Professor Holt; Mr. Croft, Miss Waspe, Mr. Sundwall.

Lower Division Courses

- 11, 12, 13. **Shorthand.** Autumn, Winter, Spring. Daily, Sec. 1 and Sec. 2, 8:30; Sec. 3, 10:30. Four hours credit each quarter. Waspe and Sundwall.

Theory of writing shorthand according to the Gregg system. Prerequisite for 12 and 13, one quarter of type-writing.

- 14, 15, 16. **Shorthand—Dictation and Transcription.** Autumn, Winter, Spring. Daily, Sec. 1, 9:30; Sec. 2, 1:30. Three hours credit each quarter. Waspe and Sundwall.

Thorough review and drill of Gregg theory, brief forms, derivatives, and phrases. Development of speed and accuracy in writing and transcribing various types of dictation. Mechanics of letter-writing. Prerequisite: Shorthand 11, 12, 13 or equivalent.

17. **Advanced Shorthand.** Spring. Daily, 2:30. Four hours credit. Sundwall.

Rapid dictation and transcription of general business letters, and legal instruments. Preparation for reporting. Prerequisite: Shorthand 11 to 16 inclusive or equivalent or 100-word Gregg certificate or equivalent.

- 21, 22, 23, 24. **Typewriting.** Autumn, Winter, Spring. Six hours a week. Two hours credit each quarter. See instructors for time. Croft and Waspe.

Touch typewriting, according to standard methods.

25. **Secretarial Training.** Autumn, Winter, Spring. Three hours credit. T. Th., 2:30 to 4:30; F., 3:30 to 4:30. Waspe.

A finishing course for those who desire to qualify for secretarial positions. Includes training in office organization and etiquette, mechanics of letter-writing, postal information, preparation and usage of commercial forms and legal instruments, filing, etc. Prerequisites: Shorthand speed of 90 words per minute, Typewriting 24 or its equivalent.

26. **Office Machines.** Autumn, Winter, or Spring. M. T. W. Th., Sec. I, 1:30; Sec. II, 2:30; Sec. III, 3:30. One hour credit. Croft.

Training in the operation of the Burroughs, Comptometer, and Monroe Calculators. It includes addition, subtraction, multiplication, and division. Practical problems are used in the practice work of the class.

31. **Business English.** Autumn, Winter, or Spring. M. W. F., 9:30. Three hours credit. Holt.

The substance and style of business English; clearness in sentences; correctness of diction; force in sentence structure, and diction. Business forms and usages.

ECONOMICS

Professors Miller, Hoyt, Johnson, Lambert; Mr. Smith, Mr. Coffman

The following courses are required for a major in Economics: Economics 1, 2, 14, 74, 94.

Lower Division Courses

1. **Economics—Introduction and Principles.** Autumn, Sec. 1, 8:30; Sec. 2, 9:30; Sec. 3, 10:30; Sec. 4, 2:30. Winter, two sections, 9:30, 1:30; Spring, one section, 8:30. Daily. Five hours credit each quarter. Miller, Smith.

A general survey of industrial society; its structure, its institutions and operation. An historical background of the rise of modern capitalistic industry.

2. **Economics—Contemporary Economic Problems.** Winter, Sec. 1, 8:30; Sec. 2, 9:30; Sec. 3, 10:30; Spring, Sec. 1, 8:30; Sec. 2, 9:30. Daily. Five hours credit each quarter. Miller, Smith.

A more advanced study of the underlying principles of economics. Includes an intensive study of several contemporary economics problems. Prerequisite: Course 1.

14. **Economic and Financial History of the United States.** Autumn. M. W. F., 1:30; Spring. M. W. F., 1:30. Three hours credit. Miller.

Economic development of the United States from colonial times to the present, with emphasis upon economic integration and industrial organization since the Civil War.

Upper Division Courses

51. **Economics of Consumption.** Autumn. T. Th., 9:30. Two hours credit. Johnson. (See Marketing 51.)

A study of those forces underlying and governing consumption. Prerequisite: Economics 1 and 2.

53. **Money and Banking.** Spring. M. T. W. Th., 9:30. Four hours credit. Clark. (See Finance and Banking 53.)

55. **Principles of Risk-Bearing.** Spring. M. W. F., 8:30. Three hours credit. Smith. (See Accounting and Business Administration 55.)

Life, health, accident, fire, property and liability insurance, and principles of risk-bearing as they apply to each classification of the insurance field. Prerequisites: Economics 1 and 2.

56. **Transportation Problems.** Spring. M. T. W. Th., 1:30. Four hours credit. Smith.

This course deals with the growth and development of railway transportation and the development of public regulation and railway legislation in the United States.

60. **Social Legislation.** Autumn. M. W. F., 8:30. Three hours credit. Miller.

The state in relation to labor and social conditions. An intensive study of the legal and economic aspects of modern social security programs and reforms. Foreign experiments in the field will also be studied.

61. **Labor Problems.** Spring. M. W. F., 9:30. Three hours credit. Miller.

This course deals with the wage system, domestic industry, the factory system, the rise and growth of labor organizations. Contemporary problems in industrial and company unions will be stressed.

67. **Public Finance and Taxation.** Winter. M. W. F., 10:30. Three hours credit. Miller. (See Finance and Banking 67.)

74. **Principles of Statistics.** Autumn. M. W. F., 8:30, and Winter. M. W. F., 2:30. Three hours credit each quarter. Lambert.

Introduction to statistics. This course required of all majors in Economics, Finance and Banking. Accounting and Business Administration.

75. **International Economic Policies.** Winter. M. W. F., 2:30. Three hours credit. Miller.

A survey with particular reference to the United States, of the international aspects of the economic policies and activities of governments.

94. **Advanced Economics.** Winter. Daily, 8:30. Five hours credit. Lambert.

Advanced course in economic theory with stress upon production principles and price theory. Prerequisites: Economics 1 and 2.

95. **Advanced Economics.** Spring. Daily, 8:30. Five hours credit. Lambert.

Continuation of Economics 94, with stress upon price theory and principles of distribution. Prerequisite: Economics 94.

99. **History of Economic Thought.** Spring. Daily, 2:30. Five hours credit. Miller.

The development of economic thought from early times to the present. A brief survey up to about 1750, but chief emphasis will be given to Smith, Ricardo, Malthus and Mill.

Graduate Courses

160. **Social Legislation.** Autumn. M. W. F., 8:30. Three hours credit. Miller. (See Sociology 191.)
161. **Labor Problems.** Spring 9:30. M. W. F., 9:30. Three hours credit. Miller.
167. **Public Finance.** Winter. M. W. F., 10:30. Three hours credit. Miller.
175. **International Economic Problems and Policies.** Winter. M. W. F., 2:30. Three hours credit. Miller.
194. **Advanced Economics.** Winter. Daily, 8:30. Five hours credit. Lambert.
- Advanced course in economic theory with application to present day economic problems. Prerequisites: Economics 1 and 2.
195. **Advanced Economics.** Spring. Daily, 8:30. Five hours credit. Lambert.
- Advanced course. Prerequisite: Economics 1, 2, and 94.
197. **Research.** Time and credit to be arranged. Staff.
199. **History of Economic Thought.** Spring. Daily, 2:30. Five hours credit. Miller.
200. **Thesis.**

AGRICULTURAL ECONOMICS

The following courses are required for a major in Agricultural Economics: Economics 1, 2, 74, 94; Agricultural Economics 30, 37, 61, 81, 82, 91, 92 and 93.

Lower Division Courses

30. **Principles of Agricultural Economics.** Autumn. M. W. F., 8:30. Three hours credit. Johnson. Prerequisites: Economics 1 and 2.
32. **Marketing Fruits and Vegetables.** Spring. M. W. F., 8:30. Three hours credit. Shaw. (See Horticulture 32.)

Upper Division Courses

54. **Conservation and Land Utilization.** Spring. Three hours credit. Coffman. (See Geography 54.)

57. **Principles of Marketing.** Autumn. M. W. F., 8:30. Three hours credit. Hoyt. (See Marketing 57.)
60. **Farm Management.** Autumn. M. W. F., 9:30. Three hours credit. Ivins. (See Agronomy 60.)
61. **Economics of Farm Organization.** Winter. M. W. F., 9:30. Three hours credit. Shaw. (See Agronomy 61.) (Not given this year.)
67. **Agricultural Marketing.** Winter. M. W. F., 8:30. Three hours credit. Hoyt. (See Marketing 67.)
81. **Land Economics.** Winter. M. W. F., 8:30. Three hours credit. Johnson.

Principles relating to the utilization, tenure, and conservation of land resources. Prerequisite: Agricultural Economics 30.

82. **Agricultural Finance.** Spring. M. W. F., 10:30. Three hours credit. Johnson.

A study of agricultural credit, with special reference to existing financial organizations and their relation to agriculture. Prerequisite: Agricultural Economics 30.

91. **Western Land Problems.** Spring. M. W. F., 8:30. Three hours credit. Johnson.

A survey of the outstanding land problems of the Western States, particularly those of the Rocky Mountain division. Special Class reports by students will be required.

92. **American Agricultural Reform.** Spring. M. W. F., 2:30. Three hours credit. Johnson. (Not given this year.)

A review of the agrarian movements for economic and social reform in America. Subordinate treatment is given to recent and current programs for farm relief.

93. **Economic History of Agriculture.** Spring. M. W. F., 9:30. Three hours credit. Johnson. (See Agronomy 94.) (Not given this year.)

The development of agriculture from its beginnings in the Old World to the present time. Historical background of contemporary agricultural problems.

Graduate Courses

181. **Land Economics.** Winter. M. W. F., 8:30. Three hours credit. Johnson.
182. **Agricultural Finance.** Spring. M. W. F., 10:30. Three hours credit. Johnson.

191. Western Land Problems. Spring. M. W. F., 8:30. Three hours credit. Johnson.
192. American Agricultural Reform. Spring. M. W. F., 2:30. Three hours credit. Johnson.
200. Thesis.

EDUCATION

Professors A. N. Merrill, Poulson, Lambert, Boyle, Peterson; Associate Professor Sudweeks; Assistant Professors Dusenberry, E. M. Jensen, Law, Lloyd, Woolf, Hollingshead; and Training School Faculties.

With the approval of the major professor, credit in courses in any of the education departments may be offered to fill major requirements. Education 1 is an orientation course and is a prerequisite to the advanced courses, and Education 50 is required of all those qualifying for teaching.

Lower Division Courses

1. Orientation in Education. Autumn, Winter, Spring. M. T. W. Th. Section 1, 8:30, Hollingshead. Section 2, 2:30, Lloyd. Four hours credit each quarter.

This course is a prerequisite to all other educational courses, and should be taken in the Freshman or Sophomore year. The course aims to reveal the nature of a rich and beautiful life; to determine certain fundamental guide posts; to acquaint the students with the spirit and extent of the great American school system, and the part it should play in building ideal American citizens and the opportunities it affords for a life of service.

2. Social Education. Autumn. T. Th., 9:30. Two hours credit. Boyle.

An introduction to the principles of educational sociology. A study of education in its sociological aspects. Application of objectives of education. Analysis of culture, morality, health, domestic efficiency, and vocational efficiency. Adjustment of education to the needs of society. Application of social needs to school practice, school administration, and curricula.

3. Story Telling. Autumn. T. Th., 8:30. Two hours credit. Dusenberry.

A study from the literary and education points of view of the best literature available for children.

4. Juvenile Literature. Autumn. T. Th., 9:30. Two hours credit. Dusenberry.

A study of literature to give a basis of selection, appre-

ciation and presentation of the best and most suitable material for the elementary grades.

45. **Statistical Methods.** Autumn. M. W. F., 2:30. Three hours credit. Sudweeks.

This course deals with the principles and methods underlying the compilation, analysis, and interpretation of educational data; and with the graphical representation of data. Of value to teachers, administrators, and psychologists.

EDUCATIONAL ADMINISTRATION

Professor Lambert.

Upper Division Courses

50. **Principles of Education.** Autumn, Winter, Spring. M. W. F. Section 1, 9:30; Section 2, 1:30. Three hours credit. Sudweeks. (See Secondary Education 50.)

52. **Organization and Administration of Secondary Schools.** Autumn or Winter. T. Th., 10:30. Two hours credit. Lambert.

An introduction to the theory and the current practices in organizing and administering secondary schools. Meets the State requirements for the secondary school credential.

56. **Standard Tests and Testing.** Autumn. M. W. F., 8:30. Three hours credit. Sudweeks.

An introduction to the field of tests and examinations in elementary and high schools. Each student will carry out a complete testing project in the University Training School.

57. **Old and New Type Examinations.** Spring. M. W. F., 8:30. Three hours credit. Sudweeks.

The place of the old type examinations and its improvement is considered. The use and the forms of the new type examinations are considered. A sequence to course 56.

58. **Statistical Methods.** (Intermediate.) Winter. M. W. F. Three hours credit. Sudweeks.

A continuation of elementary statistical methods which is a prerequisite to this course. Considers correlation procedures, simple, multiple, and partial.

69. **Measurements of High School Teaching.** Spring. M. W. F., 8:30. Three hours credit. Sudweeks.

A study of standard tests now available for high school teaching. How to give and score tests, to interpret results, and plan remedial instruction.

73. **The Organization and Administration of Public Schools.** Autumn. Daily, 9:30. Five hours credit. Lambert.

This course considers the ways in which public schools are controlled and the ways in which states, cities, counties and local districts are organized for the conduct of public education. This is a foundational course for all students in education. It is required of all students who major in the field of administration.

75. **Educational Supervision.** Spring. M. T. W. Th., 2:30. Four hours credit. Jensen.

The evaluation and the improvement of teaching. Offered for students who have foundational work in psychology, in educational psychology, in school organization and in class-room procedures and theory.

ELEMENTARY EDUCATION

Assistant Professor Law.

Students majoring in Elementary Education should conform to the following sequence of courses:

Freshman Year: Education 1, Social Science 11 or 55, Speech 1 or 11, English 1, 2, 3, Library 11, Physical Education 1, 21, 22, Art 41, 42, or 43, Education 3, Bacteriology 21.

Sophomore Year: Education 4 and 50, Geography 5 and 52, History 82, Theory of Music 11 and 41, Zoology 58, Elementary Education 64, 65 or 66, Psychology 51, Physical Education 1.

Junior Year: Elementary Education 51, 52, 54, 55, 61 or 62, 63.

Senior Year: Upper division courses in Education.

Upper Division Courses

50. **Principles of Education.** Autumn, Winter, Spring. M. T. W. Th., 9:30. Four hours credit each quarter. Section 1, Sundays. Section 2, 2:30. Wolf. (See Secondary Education 50.)

51. **Elementary Curriculum and Methods.** Autumn. Daily, 10:30. Five hours credit. Peterson and Law.

This course deals with the curriculum and the materials of the elementary school together with methods in elementary education. It must be taken before or parallel with Elementary Education 54. Required for certification. Prerequisites: Fifteen hours of selected work in education.

52. **Elementary Curriculum and Methods.** Winter. Daily, 10:30. Five hours credit. Peterson and Law.

This is a continuation of Elementary Education 51. It must be taken parallel with Elementary Education 54.

Required for certification. Prerequisite: Elementary Education 51.

53. **Elementary Curriculum and Methods.** Spring. M. W. F., 10:30. Three hours credit. Peterson and Law. Limited to seniors only.

This course is designed especially for secondary teachers who wish to get some training on the elementary school level. Secondary teachers who qualify also for elementary teaching certificates are required to complete this course. Prerequisites: Fifteen hours in Secondary Education.

54. **Elementary and Kindergarten Training.** Autumn, Winter and Spring. Daily from 8:30 to 10:30, or 1:30 to 3:30. Ten hours credit. 5 hours each quarter. Peterson and Law.

This is essentially a laboratory course affording opportunity for practice teachers to apply the principles of teaching developed in Elementary Education 51 and 52. Prerequisites: Fifteen hours of selected educational work.

55. **School Organization and Administration.** Autumn or Winter. M. W. F., 9:30. Three hours credit. Boyle.

This course will acquaint beginning teachers with the school as an institution in its relation to the state and the community. It meets state requirements for certification.

58. **Health Education for Teachers.** Autumn, Winter, Spring. T. Th., 1:30. Two hours credit each quarter. Cullimore and Oaks. (See Zoology 58, and Physical Education 1.)

60. **Measurements in Elementary Education.** Spring. M. W. F., 8:30. Three hours credit. Law and Sudweeks.

A study of standard tests now available for elementary school teaching, involving testing, scoring, interpreting results, and planning remedial instruction.

61. **First Grade Education.** Spring. M. W. F., 9:30. Three hours credit. Peterson.

Problems of early elementary education will be considered. A study of the activities, subject matter and concrete materials which should form the basis of the work with young children. Class room observation required.

63. **School Management and Extra-Instructional Activities.** Winter. T. Th., 8:30. Two hours credit. Law.

A course in the conservation and obtaining of the maximum educational value of every element in school and classroom organization.

64. **Myths of the World.** Autumn. T. Th., 7:30. Two hours credit. Dusenberry.

The major topics to be considered in this course are present and past customs, superstitions, folk lore, and mythological beliefs of the people of Egypt and India.

65. **Myths of the World.** Winter. T. Th., 7:30. Two hours credit. Dusenberry. (Not given this year.)

A continuation of 64. Topics of discussion: India and China.

66. **Myths of the World.** Spring. T. Th., 7:30. Two hours credit. Dusenberry. (Not given this year.)

A continuation of 65. Topics of discussion: Japan, Islands of Bali, Borneo, and the Philippines.

SECONDARY EDUCATION

Professor Merrill.

Upper Division Courses

50. **Principles of Education.** Autumn, Winter, or Spring. M. W. F. Sec. 1, 9:30, Sudweeks; Sec. 2, 2:30, Woolf. Three hours credit.

An introductory course in education for high school and grade teachers. The principal topics covered are: the teacher, the teaching and learning processes, organization and administration, recent developments in education, and philosophy of education.

51. **Organization and Administration of Secondary Education.** Autumn or Winter. M. W., 10:30. Two hours credit. Merrill.

This course emphasizes methods of teaching high school subjects. It should be taken before or parallel with Secondary Education 54.

52. **Organization and Administration of Secondary Schools.** Autumn or Winter. T. Th., 10:30. Two hours credit. Lambert.

This course deals with the problems of high school organization and administration. It should be taken before or parallel with Secondary Education 54.

54. **Secondary Teaching.** Autumn, Winter, and Spring. Demonstration and consultation. T. Th., 3:30. Practice periods to be arranged. Eight hours credit, four hours in each of two quarters. Merrill, Boyle, Jensen, Woolf and Secondary Training School Faculty.

This is a course in practice teaching under supervision. Approximately eighty hours of participation and responsible class room teaching will be required. Instruction in

special methods for teaching specific subject matter will be given by the critic teacher. Prerequisites: Fifteen hours of selected educational work at least three-fourths of the academic major, and consent of the instructors concerned.

55. **Junior High School.** Spring. M. W. F., 9:30. Three hours credit. Merrill. (Not given this year.)

This course deals with problems in the organization and special functioning of the junior high school.

63. **Teaching of Agriculture.** Winter. M. W. F., 3:30. Three hours credit. Sudweeks. (See Agronomy 63.)

A practical course in the application of methods in the teaching of agriculture. To accompany or precede secondary training. Emphasis on Smith-Hughes provisions and standards. Required of teachers of vocational agriculture.

69. **Measurement of High School Teaching.** Spring. M. W. F., 2:30. Three hours. Sudweeks.

A study of standard tests now available for use in high school teaching. Giving and scoring tests, interpreting results, and planning remedial instruction.

71. **Juvenile Sociology.** Spring. T. Th., 9:30. Two hours credit. Boyle. (See Sociology 71.)

91. **The High School Curriculum.** Winter. M. T. W. Th., 9:30. Four hours credit. Merrill.

The principles governing the organization of the high school curriculum. The evaluation of objectives of the course of study, and of the activity phase of the present high school curriculum.

94. **Educational and Vocational Guidance. (Personnel Administration.)** Autumn and Spring. M. T. W. Th., 9:30. Four hours credit. Merrill, Autumn and Lloyd, Spring.

A consideration of the principles of educational and vocational guidance and early vocational experience as factors in determining the choice of an occupation; and the modification of the high school curriculum to facilitate vocational choice.

This course deals with the problems of the senior high school, especially those concerned with the justification and the modification of the present curriculum.

95. **The Senior High School.** Spring. M. T. W. Th., 9:30. Four hours credit. Merrill. (Not given this year.)

This course deals with the problems of the senior high school, especially those concerned with the justification and the modification of the present curriculum.

PHILOSOPHY OF EDUCATION

Assistant Professor Lloyd

This department is designed to prepare the student in the fundamentals of professional education with emphasis upon aims, objectives, the fundamental principles involved in the various levels and the relation the school bears to society.

Upper Division Courses

51. History of Educational Thought. Autumn. M. W. F., 10:30. Three hours credit. Lloyd.

A critical study of the contributions of the outstanding educational thinkers from the early Greeks to the present, and an evaluation of the various philosophies. Special emphasis will be given to the writings of twelve significant educators from Plato to Dewey.

52. History of Education in America. Winter. M. W. F., 10:30. Three hours credit. Lloyd.

The rise and development of the American educational system as it has been effected by changes in American life from the colonial period to the present time.

53. Education in the Social Order. Spring. M. W. F., 10:30. Three hours credit. Lloyd.

The school as a social institution, with special emphasis upon its relation to social, economic, and political change. The effect of these changes upon educational practice and philosophy of education.

72. Community Organization and Leadership. (See Sociology 51.) Swenson.

74. Rural Sociology. (See Sociology 53.) Christensen.

81. History of Philosophy. Autumn. M. W. F., 2:30. Three hours credit. R. Swensen.

A history of the rise and development of philosophy in the Greek, Graeco-Roman, medieval, renaissance, eighteenth century, and modern periods. Stress is laid upon an appreciation of the outstanding philosophers of the various schools of thought and their relation to the intellectual trends and problems of the present.

84. Educational Sociology. (See Sociology 61.) Swenson.

87. Methods in Character Education. Autumn. T. W. Th. F., 1:30. Four hours credit. Lloyd.

A study of various methods and techniques in character education that are now in use in the United States and an evaluation of the educational philosophy upon which each of

these rests. Special attention will be given to the newer trends in this field.

88. **Social Problems in the Development of Personality.** Winter. M. W. F., 1:30. Three hours credit. Lloyd.

A consideration of the problems and special interests of college students as these interests affect the development of character and personality. This course is largely devoted to the method of "creative experience" as a device for character building.

89. **Human Nature and Character.** Spring. M. W. F., 1:30. Three hours credit. Lloyd.

The various factors that are important to an understanding of human nature. Special stress will be given to the nature of the moral life and its dependence upon mental health and wholesome social interaction.

GRADUATE WORK IN EDUCATION

The Master's Degree in Education may be taken from the general field or from any one of the specific departments in Education.

Students who plan to complete the requirements for this degree in education should choose a major professor or adviser from the members of the staff who are responsible for graduate work. This adviser will have the chief responsibility of directing the preparation of the thesis. Students are encouraged to project a graduate program around some field of concentration or emphasis.

The graduate major will ordinarily be chosen from the courses here listed, but work in other departments of the university may be taken where the student's program appears to need such preparatory or supporting courses. The exact allotment of time within the program and the exact amount of time necessary to complete requirements will be determined for the student in the light of his undergraduate work in education and the field he chooses for graduate study.

- 101-110. **Independent Readings in Organization, Administration and Supervision.** Any quarter. Maximum of two hours credit for any one student in any one quarter. Lambert.

Properly qualified students may read in fields in which courses are not offered and in fields beyond those covered in the regular courses. The reading is planned to meet the needs of the student's graduate program. Registration by consent of the instructor.

111. **Public School Finance, I.** Winter. Daily, 9:30. Five hours credit. Lambert. (Not given this year.)

The theory and practice of financing public education in the American states. Emphasis in this course is put upon revenue systems. An enlarged reading program is part of the course. Educational administration 73 or its equivalent is a prerequisite. A course in taxation should precede or parallel this course.

112. **Public School Finance, II.** Winter. Daily, 9.30. Five hours credit. Lambert.

The business management of school systems. Expenditures, costs, purchases, accounting, and the school budget. Educational administration 73 or its equivalent is a prerequisite. Given each alternate year.

113. **Personnel Problems.** Winter. M. T. W. Th., 2:30. Four hours credit. Lambert. (Not given this year.)

Problems of the teaching staff; training, selection, assignment, promotion, retirement. Contract, tenure, salaries. Given each alternate year. Educational Administration 73 is a prerequisite.

114. **Organization and Supervision of a Single School.** Spring. M. T. W. Th., 9:30. Four hours credit. Lambert. (Not given this year.)

The work of the school principal and the supervisor. Educational Administration 73 and work in educational psychology and teaching methods are prerequisites. Given each alternate year.

116. **Planning School Building and Transportation Programs.** Spring. M. T. W. Th., 9:30. Four hours credit. Lambert.

How to project a school building program and to finance it. How to integrate the curriculum, the school organization, the buildings, and the school transportation system. Management and care of school plants. Educational Administration 73 or its equivalent is a prerequisite.

118. **Introduction to Research and Thesis Writing.** Autumn. M. W. F., 2:30. Three hours credit. Lambert.

Two lectures each week with individual conferences and readings. A course in the principles of scientific investigation and the acceptable procedures of research. Specific assistance in the preparation of the master's thesis. Given for all of the graduate students in the university. Required of all candidates for the master's degree in the College of Education.

122. **Problems in Part-Time Education.** Two hours credit. Merrill.

This course deals with the methods and the problems of part-time education; the character of the population to be

educated, methods of teaching in part-time classes, job analysis, and course organization.

147. Research in Secondary Education. Any quarter. Merrill.

Two or three hours credit is allowed for the completion of an acceptable paper that embodies the results of independent research upon some problem in secondary education. Registration by consent of the instructor.

150. Seminar in Education. Any quarter. Time arranged. Lambert, Merrill, Sudweeks, Lloyd, Law.

A seminar in educational research is organized any quarter for five or more graduate students. It provides an opportunity for qualified workers to extend their studies of educational problems and for graduate students to secure aid in pursuing and reporting their investigations.

151. History of Educational Thought. Autumn. M. W. F., 10:30. Three hours credit. Lloyd.

152. History of Education in America. Winter. M. W. F., 10:30. Three hours credit. Lloyd.

153. Education in the Social Order. Spring. M. W. F., 10:30. Three hours credit. Lloyd.

169. Measurement of High School Teaching. Spring. M. W. F., 2:30. Three hours credit. Sudweeks.

A study of standard tests now available for use in the high school subjects. Scoring tests, interpreting results, and planning remedial teaching.

174. Advanced Educational Psychology. Winter. M. W. Th. F., 9:30; Spring. M. W. Th. F., 8:30. Four hours credit. Poulson. Prerequisite: Psychology 11. (See Psychology 174.)

175. Psychology Tests. Spring. M. W. F., 7:30. Three hours credit. Poulson. Prerequisite: Psychology 11. (Alternates yearly with Psychology 105.) See Psychology 175.

180. Standard Tests and Testing. Autumn. M. W. F., 8:30. Three hours credit. Sudweeks.

The theory underlying measurement; available standard tests in elementary and high schools. Each student will carry out a complete testing project in the university training school.

186. Recent Trends in Education. Winter. Three hours credit. Lloyd.

Changing philosophies and practices in world education. New approaches to the religious education and adult education movements. The effect of modern social trends upon

curriculum, method and educational control. Include trends in institutions of higher learning.

187. **Methods in Character Education.** Autumn. Time to be arranged. Four hours credit. Lloyd.

A study of various methods and techniques in character education that are now in use in the United States, and an evaluation of the educational philosophy upon which each of these rests. Special attention will be given to the newer trends in this field.

189. **Social Ethics.** Spring. M. T. W. Th., 10:30. Four hours credit. (Not given this year.)

This course deals with the ethical theory as applied to our industrial and social problems; the breakdown of puritan ethics; individualism, Christian ethics. international goodwill and world peace.

191. **Secondary School Curricula.** Winter. 8:30. Four hours credit. Merrill.

The theory of the high school curricula. Particular attention is given also to the subject matter and student activities now required of students in the high schools of Utah.

192. **Curriculum Research.** Autumn, Winter, or Spring. Time to be arranged. Two to four hours credit. Merrill.

This course will deal with special topics chosen for investigation.

194. **Educational and Vocational Guidance.** Autumn. M. T. W. Th., 9:30. Four hours credit. Merrill.

A consideration of the principles of educational and vocational guidance and early vocational experience as factors in determining the choice of an occupation; modification of the high school curriculum to facilitate the vocational choice.

195. **The Senior High School.** Spring. M. T. W. Th., 9:30. Four hours credit. Merrill.

This course deals with the problems of the senior high school, especially those concerned with modifications of present practices.

200. **The Master's Thesis in Education.** Each quarter. Lambert, Merrill, Sudweeks, Lloyd, Law.

Credit of two to six hours is given upon the completion of an acceptable thesis that embodies the results of independent research upon a significant problem in some field of concentration. Students should read the section of the catalog that contains the requirement of the graduate school.

ENGLISH

Alfred Osmond, Professor Emeritus.

Professors Christensen, Reynolds, Holt, Merrill, Jensen; Associate Professors Rowe, Young; Assistant Professors Carroll, Black, Culmsee; Mr. Stimpson, Mr. Tracy.

Scope of Instruction

The English department offers courses in English language, English literature, American literature, and general and comparative literature. For convenience the courses in general and comparative literature are brought together.

Requirements for the Degree of Bachelor of Arts

Students who elect their major in English are required to complete thirty hours of work in English in addition to courses 1, 2, and 3. The following program of study in English is prescribed: courses 71, 72, 73, 74, 75 (four required); courses 83, 84, 85, 86, 88 (one required); courses 81, 95, 97 (one required); course 12 and course 82.

Students may, however, make substitutions as follows: course 60 for 72; 90 for 74; 91 for 75; 24 or 69 for 82; 57 or Journalism 51 or 52 or 53 for 12.

Twenty-four hours in one or more foreign languages are required. Courses in English history and general psychology are strongly recommended. Students inadequately grounded in grammar should take course 11.

Courses 20, 21, 22 are not open to students who elect their major in English. For students who minor in English and who intend to teach the subject, the department specially recommends the following: 11, 12, 15, 16, 71, 72, 73, 74, 75, 82, 97.

Students making English a minor and desiring the recommendation of the department to take secondary training in English, are required to take an examination in grammar and composition. Satisfactory credit in courses 11 and 12 entitles the student to the recommendation without examination.

Requirements for the Degree of Master of Arts

Candidates for the Degree of Master of Arts in English must have the equivalent of the requirements for the Degree of Bachelor of Arts in English; they must offer upper division or graduate credit in old English, Chaucer, Shakespeare, and history of the English language; they must have, exclusive of thesis credit, at least twenty hours of graduate credit in English; they must write a satisfactory thesis; and they must pass a comprehensive oral examination in the field of English language and literature.

Placement Tests for Freshman English

In Freshman English consideration is given to the individual needs of students. To determine these needs all freshmen are required to take a placement test at the time of registration. Assignments to classes are made after this test.

Lower Division Courses

1. **Composition and Literature.** Autumn. M. W. F., Classes available at 8:30, 9:30, 10:30, 1:30, and 2:30. Three hours credit.

Review of grammar, study of the principles of composition, theme writing, and readings in literature.

2. **Composition and Literature.** Winter. Sections and time the same as in course I. Three hours credit.

Continuation of course 1.

3. **Composition and Literature.** Spring. Sections and time the same as in courses 1 and 2. Three hours credit.

Continuation of course 2.

4. **Business English.** Autumn, Winter, Spring. M. W. F., 9:30. Three hours credit. Holt.

The substance and style of business English; correctness of diction; business forms and usages.

11. **Advanced English Grammar.** Autumn and Spring. M. T. W. Th., 1:30. Four hours credit. Young.

Prerequisites: English 1, 2, and 3.

12. **Advanced Rhetoric and Composition.** Autumn. M. W. F., 2:30. Three hours credit. Christensen.

Long themes, lectures, conferences, and required reading. Prerequisites: English 1, 2, and 3.

15. **Early American Writers.** Autumn. T. Th., 1:30. Two hours credit. Tracy.

A survey of American literature from Captain John Smith to about 1865.

16. **Later American Writers.** Winter. T. Th., 1:30. Two hours credit. Tracy.

A survey of American literature from about 1865 to the present century.

17. **Contemporary American Poets.** Autumn. T. Th., 2:30. Two hours credit. Black.

A study of the principal American poets.

18. **Contemporary American Novelists.** Winter. T. Th., 2:30. Two hours credit. Black.

A study of the principal American novelists.

19. **Contemporary American Short Story Writers.** Spring. T. Th., 2:30. Two hours credit. Black.

A study of the principal American short story writers.

20. **Masterpieces of English Literature.** Autumn. T. Th. Sec. 1, 8:30. Carroll. Sec. 2, 9:30. Stimpson. Two hours credit.

A study of the principal English masterpieces.

21. **Masterpieces of English Literature.** Winter. T. Th. Sec. 1, 8:30, Carroll. Sec. 2, 9:30. Stimpson. Two hours credit.

A continuation of course 20.

22. **Masterpieces of English Literature.** Spring. T. Th. Sec. 1, 8:30. Carroll. Sec. 2, 9:30. Stimpson. Two hours credit.

A continuation of course 21.

23. **Contemporary British Literature.** Spring. M. W. F., 9:30. Three hours credit. Rowe.

24. **Shakespeare.** Autumn. M. T. W. Th., 2:30. Four hours credit. Young.

A comprehensive study of Shakespeare's poems and plays.

25. **Emerson.** Spring. T. Th., 1:30. Two hours credit. Tracy.

A study of the author's poetry and prose.

29. **An Introduction to Literature.** Autumn. M. W. F., 10:30. Three hours credit. Christensen.

An introduction course in the study and appreciation of literature—poetry and prose.

See General and Comparative Literature, for courses 26, 27, 28; 61, 62, 63, 65, 66, 67, 68.

Upper Division Courses

52. **Argument and Debate.** Autumn. M. W. F., 9:30. Three hours credit. Rowe. (See Speech 52.)

A study of the principles of argument followed by a series of debates on current questions. Prerequisites: English 1, 2, and 3.

53. **Romantic Prose.** Autumn. T. Th., 10:30. Two hours credit. Rowe.

A study of the principal prose writings of the Romantic Movement.

57. **Short-Story Writing.** Autumn. T. Th., 9:30. Two hours credit. Merrill.

In this course, the greater part of the student's time is given to practice in writing short-stories. Prerequisites: English 1, 2, and 3.

58. The New Biography. Spring. T. Th., 8:30. Two hours credit. Jensen.

A study of the best recent biographies.

59. Poetry. Spring. T. Th., 2:30. Two hours credit. Osmond.

A practical course in the various forms of verse-writing. (Not given this year.)

60. English Drama to 1642. Spring. M. T. W. Th., 2:30. Four hours credit. Young.

The beginning and development of English drama, not including Shakespeare, to the closing of the theaters.

64. Philology. Winter. T. Th., 2:30. Two hours credit. Osmond. (Not given this year.)

A study of the history and development of words and their ways in English speech.

69. Shakespeare's Tragedies. Winter. M. T. W. Th., 10:30. Four hours credit. Osmond. (Not given this year.)

A study of the principal tragedies.

71. Medieval Literature. Autumn. M. T. W. Th., 9:30. Four hours credit. Christensen.

72. English Literature from 1500-1660. Winter. M. T. W. Th., 2:30. Four hours credit. Young.

73. English Literature from 1660-1780. Spring. M. T. W. Th., 2:30. Four hours credit. Jensen.

74. English Literature from 1780-1832. Winter. M. T. W. Th., 10:30. Four hours credit. Rowe.

75. English Literature from 1832-1900. Spring. M. T. W. Th., 10:30. Four hours credit. Reynolds.

81. Chaucer. Winter. M. T. W. Th., 8:30. Four hours credit. Christensen.

82. Shakespeare. Spring. M. T. W. Th., 9:30. Four hours credit. Christensen.

An intensive and critical study of the principal plays.

83. Milton. Winter. M. W. F., 9:30. Three hours credit. Christensen.

A study of the author's poetry and prose.

84. Wordsworth. Spring. M. W. F., 10:30. Three hours credit. Rowe.

The author's theory of poetry and his principal poems will be studied.

85. Tennyson. Winter. M. W. F., 2:30. Three hours credit. Reynolds.

A study of the author's principal major and minor poems.

86. **Browning.** Spring. M. W. F., 2:30. Three hours credit. Reynolds.

A study of the author's principal major and minor poems.

87. **Matthew Arnold.** Autumn. T. Th., ~~10:30~~ 10:30. Two hours credit. Christensen.

Study of Arnold's poetry and prose.

88. **Samuel Johnson.** Winter. M. W. F., 1:30. Three hours credit. Young.

A study of "Lives of the Poets," Rasselas, and Boswell's "Life of Johnson."

89. **Byron.** Winter. T. Th., ~~9:30~~ 9:30. Two hours credit. Rowe.

A study of the author's principal works.

90. **Romantic Poetry.** Autumn. M. W. F., 10:30. Three hours credit. Reynolds.

A study of romanticism as manifested in the poetry of the eighteenth and nineteenth centuries.

91. **The Victorian Poets.** Autumn. M. W. F., 2:30. Three hours credit. Reynolds.

92. **The English Novel.** Autumn. M. T. W. Th., 2:30. Four hours credit. Jensen.

The history of English prose fiction to the beginning of the Victorian Period.

93. **The Modern English Novel.** Winter. M. T. W. Th., 10:30. Four hours credit. Jensen.

A consideration of the technique of the novel and various phases of life reflected in this form of literature.

94. **The English Essay.** Winter. T. Th., 8:30. Two hours credit. Jensen.

The origins of the essay, and its development to the present time.

95. **Old English.** Autumn. M. T. W. Th., 8:30. Four hours credit. Christensen.

Old English grammar and reading exercises.

96. **Beowulf.** Spring. M. W. F. Time to be arranged. Three hours credit. Christensen.

The entire poem is read in the original. Prerequisite: Course 95.

97. **The History of the English Language.** Spring. M. T. W. Th., 8:30. Four hours credit. Christensen.

An historical and philological study of the language from the Old English period to the present time.

98. **The History of Literary Criticism.** Winter. M. W. F., 2:30. Three hours credit. Christensen. (Not given this year.)
A study of critical theories from ancient to modern times.

GENERAL AND COMPARATIVE LITERATURE

Lower Division Courses

- 26, 27, 28. **Types of World Drama.** Autumn, Winter, Spring. T. Th., 9:30. Two hours credit each quarter. Rowe.
The great plays of the world are studied according to type.

Upper Division Courses

61. **Modern European Drama.** (Continental.) Autumn. T. Th., 2:30. Two hours credit. Reynolds.
62. **Modern European Drama.** (British.) Winter. T. Th., 2:30. Two hours credit. Reynolds.
63. **Modern Drama.** (American.) Spring. T. Th., 2:30. Two hours credit. Reynolds.
65, 66, 67. **Types of World Literature.** Autumn, Winter, Spring, T. Th., 10:30. Two hours credit each quarter. Carroll.
68. **Types of Poetry.** Spring. M. T. W. Th., 10:30. Four hours credit. Osmond. (Not given this year.)
A study of lyric, epic, and dramatic poetry.

Graduate Courses

160. **English Drama to 1642.** Spring. 1:30. Young.
165, 166, 167. **Types of World Literature.** Autumn, Winter, Spring. T. Th., 10:30. Two hours credit each quarter. Carroll.
169. **Shakespeare's Tragedies.** Winter. 9:30. Four hours credit. (Not given this year.)
171. **Medieval Literature.** Autumn. 9:30. Four hours credit. Christensen.
172. **English Literature from 1500 to 1660.** Autumn. 2:30. Four hours credit. Young.
173. **English Literature from 1660 to 1780.** Spring. 2:30. Four hours credit. Jensen.
174. **English Literature from 1780 to 1832.** Winter. 10:30. Four hours credit. Rowe.
175. **English Literature from 1832 to 1900.** Spring. 10:30. Four hours credit. Reynolds.
181. **Chaucer.** Winter. 8:30. Four hours credit. Christensen.
182. **Shakespeare.** Spring. 9:30. Four hours credit. Christensen.

183. Milton. Winter. 9:30. Three hours credit. Christensen.
184. Wordsworth. Spring. 10:30. Three hours credit. Rowe.
185. Tennyson. Winter. 2:30. Three hours credit. Reynolds.
186. Browning. Spring. 2:30. Three hours credit. Reynolds.
187. Matthew Arnold. Autumn. 9:30. Two hours credit. Christensen.
188. Samuel Johnson. Winter. 1:30. Three hours credit. Young.
195. Old English. Autumn. 8:30. Four hours credit. Christensen.
196. Beowulf. Spring. M. W. F. Time to be arranged. Three hours credit. Christensen.
197. The History of the English Language. Spring. 8:30. Four hours credit. Christensen.
198. The History of Literary Criticism. Winter. 2:30. Three hours credit. Christensen. (Not given this year.)
200. Thesis for Master's Degree. Time and credit to be arranged.

GEOLOGY AND GEOGRAPHY

*Professors Hansen, Martin; Associate Professor Hales; Mr. Coffman,
Mr. Dennis.*

GEOLOGY

Geology 1, 2, 3, 50, 51, 52, 57, 60, and either 90 and 91 or 70 and 74; Chemistry 4, 5, 6; Physics 41, 42, 43; Mathematics 11, 12; Drawing 6; and Engineering 1, 3 are required of students majoring in Geology. Geology 1, 2, 3, 51 and either 50, 52 or 60 are required for a minor in Geology. Geography 5, 6, 52, 73 and either Geology 2 or Geography 50, or 51 are required of students minoring in Geography.

Lower Division Courses

1. General Geology. Autumn, 7:30 and 10:30. Winter, 10:30. Spring, 7:30 and 10:30. Daily. Four hours credit. Four lectures and demonstration periods, and one quiz section. Hansen and Dennis.

A survey of the fields of physical and historical geology, which will give the student a basis for reading and thinking on the relation of the earth, man and nature.

2. Physical Geology. Winter. Lectures T. Th., 9:30. Laboratory T. Th., 2:30 to 5:30, and two Saturday field trips. Four hours credit. Dennis.

The common rock-forming minerals, the common rocks and representative topographic maps will be studied in the laboratory. Prerequisite: Geology 1.

3. **Historical Geology.** Spring. Lectures M. W. F., 9:30. Laboratory T., 2:30 to 5:30, and two Saturday field trips. Four hours credit. Hansen.

A study of the history of the earth and the evolution of life forms. Representative fossil forms will be studied in the laboratory. Prerequisite: Geology 1.

Upper Division Courses

50. **Geology of the United States.** Winter. Daily, 9:30. Five hours credit. Hansen.

A study of the stratigraphy, structure and areal geology of the United States from the geologic maps of representative areas. Prerequisite: Geology 3.

51. **Structural Geology.** Spring. Daily, 8:30. Five hours credit. Dennis.

A study of rock structures caused by earth movements. Emphasis will be placed upon the solving of structural problems in sedimentary rocks and the primary structures of igneous and metamorphic rocks will be treated with less detail. Prerequisite: Geology 50 and 60.

52. **Field Geology.** Autumn. Daily, 9:30. Five hours credit. Hansen.

A course in the practical application of geologic knowledge to the interpretation of field problems. Each student will be required to make a topographic and geologic map of a small area in the Wasatch or elsewhere near the campus. Prerequisites: Geology 51 and Engineering 3.

57. **Soil Geology.** Spring. T. Th., 8:30. Laboratory M., 2:30. Three hours credit. Martin. Prerequisites: Geology 2 and 3; Chemistry 1, and Physics 21. (See Agronomy 57.)

60. **Mineralogy.** Autumn. T. Th., 10:30. Laboratory T. Th., 2:30 to 5:30. Four hours credit. Dennis.

A general course in mineralogy. The laboratory will be devoted to crystallography and the identification of the non-silicate minerals by blowpipe analysis. Prerequisites: Chemistry 6 and Geology 2.

61. **Mineral Optics.** Winter. M. W., 2:30 to 5:30. Two hours credit. Dennis.

A study of the principles of mineral identification by means of the petrographic microscope. Prerequisite: Geology 60.

62. **Petrography.** Spring. M. W. 2:30 to 5:30. Two hours credit. Dennis.

A study of the common rocks with the aid of the petrographic microscope. Prerequisite: Geology 61.

63. **Petrology.** Spring. M. W., 2:30 to 5:30 and Saturday field trips. Two hours credit. Dennis. (Not given this year.)

A megascopic study of the common rocks with emphasis upon classification and field identification. Prerequisite: Geology 60.

70. **Invertebrate Paleontology.** Winter. Daily, 2:30 and laboratory work. Five hours credit. Hansen. Prerequisites: Zoology 55 and Geology 3.

71. **Physical Anthropology.** Spring. M. W. F., 10:30. Three hours credit. Hansen. Prerequisite: Geology 3. (Not given this year.)

72. **Vertebrate Paleontology.** Spring. T. Th., 10:30. Three hours laboratory. Three hours credit. Hansen. Prerequisite: Zoology 56 or Geology 3. (Not given this year.)

73. **Sedimentation and Stratigraphy.** Winter. Daily, 2:30 and laboratory work. Five hours credit. Hansen. Prerequisite: Geology 52. (Not given this year.)

74. **Stratigraphy and Fossils of the Wasatch.** Autumn. Time to be arranged. Eight hours field or laboratory work. Three hours credit. Hansen. Prerequisite: Geology 71.

90. **Ore Deposits.** Autumn. Daily, 8:30. Five hours credit. Dennis.

A study of the geologic occurrence and relationships of the ore minerals. Prerequisite: Geology 51 and 60.

91. **The Non-Metallic Minerals.** Winter. Daily, 8:30. Five hours credit. Dennis. Prerequisites: Geology 51 and 60.

92. **Geology of Ground Water.** Winter. Daily, 8:30. Five hours credit. Dennis. Prerequisite: Geology 51. (Not given this year.)

Graduate Courses

- 101, 102, 103. **Research.** Hours and credit to be arranged. Hansen.

Special problems in the field of Geology will be assigned to students prepared to do original work.

110. **Geology of Utah.** Autumn. T. Th., 2:30, and three long field trips, the expense of which is borne by the students. Three hours credit. Hansen. Prerequisite: Geology 51.

151. **Problems in Structural Geology.** Time and credit to be arranged. Dennis. Prerequisite: Geology 51.

152. **Engineering Problems in Geology.** Time and credit to be arranged. Hansen. Prerequisite: Geology 51.

160. **Advanced Work in Mineralogy.** Time and credit to be arranged. Dennis. Prerequisite: Geology 61.
175. **Index Fossils.** Spring. M., 10:30, and six hours laboratory work by arrangement. Three hours credit. Hansen.
190. **Special Problems in Metals.** Time and credit to be arranged. Dennis. Prerequisite: Geology 90.
191. **Special Problems in Non-Metals.** Time and credit to be arranged. Dennis. Prerequisite: Geology 91.
193. **Ore Deposits of Utah.** Winter. Daily, 8:30. Five hours credit. Dennis. Prerequisite: Geology 90. (Not given this year.)
196. **Readings in Geology.** Any quarter. One to six hours credit, no more than two hours of which may be taken in any one quarter. Hansen and Dennis.
200. **Thesis Work.**

GEOGRAPHY

Lower Division Courses

5. **Introductory Geography.** Autumn. Daily, 8:30. Five hours credit. Coffman.

The elements of the natural environment and the relation of geography to the physical and social sciences.

6. **Regional-Economic Geography.** Winter. Daily, 8:30. Five hours credit. Coffman. Prerequisite: Geography 5. (See Marketing 30.)

The geography of world commodities; a survey of the economic activities of the world's political entities from a regional aspect.

7. **Advanced Physiography.** Spring. Daily, 1:30, and several field trips by arrangement. Five hours credit. Hansen and Coffman. Prerequisites: Geography 5 and Geology 2. (Not given this year.)

16. **Descriptive Astronomy.** Spring. M. T. W. Th., 10:30. Four hours credit. Hales. (See Physics 16.)

Upper Division Courses

50. **Climatology.** Spring. M. W. F., 8:30. Three hours credit. Coffman.

Elements, controls and types of climate and their distribution. Also recent thought on climatic regions. Prerequisite: Geography 5 and 6, or 15 hours in natural sciences including agronomy, botany, or meteorology.

51. **Geography of Commerce and Trade.** Spring. T. Th., 1:30. Two hours credit. Coffman. Prerequisite: Geography 6. (Not given this year.)
52. **Human Geography.** Winter. M. W. F., 2:30. Three hours credit. Hansen.
The response man has made to his geographic environment. Prerequisites: Geology 1, or Geography 5.
54. **Conservation and Land Utilization.** Spring. M. W. F., 7:30. Three hours credit. Coffman.
Importance, location, and conservation of our natural resources. Prerequisites: Geography 6 or 15 hours in natural or social science including Agronomy, Botany, or Economics.
55. **Geography of North America.** Spring. M. W. F., 10:30. Three hours credit. Coffman. Prerequisite: Geography 5 and 6. (Not given this year.)
56. **Geography of Latin America.** Spring. M. W. F., 1:30. Three hours credit. Coffman. Prerequisites: Geography 5 and 6. (Not given this year.)
57. **Geography of Europe.** Spring. M. W. F., 1:30. Three hours credit. Coffman. Prerequisites: Geography 5 and 6. (Not given this year.)
58. **Geography of Asia.** Spring. M. W. F., 1:30. Three hours credit. Coffman. Prerequisites: Geography 5 and 6. (Not given this year.)
60. **The Teaching of Geography.** T. Th., 1:30. Spring. Two hours credit. Coffman. Prerequisites: Geography 5 and 6. (Not given this year.)
73. **Meteorology.** Autumn. M. T. W. Th., 10:30. Four hours credit. Hales. (See Physics 73.)

Graduate Courses

- 105, 106, 107. **Research.** Hours and credit to be arranged. Hansen and Coffman.
Under this course special problems may be assigned students who are prepared to do original work in the field of Geography.
111. **Physiography of Utah.** Spring. T. Th., 8:30, and three Saturday field trips. Three hours credit. Hansen.
Deals with the present surface forms of Utah and how they came to be developed.
150. **Special Problems in Climatology.** Time and credit to be arranged. Coffman.

152. Special Problems in Human Geography. Time and credit to be arranged. Hansen.
154. Special Problems in Conservation and Land Utilization. Time and credit to be arranged. Coffman.
200. Thesis Work.

HISTORY

Professors Jensen, Snow; Associate Professor Sperry; Assistant Professor Swenson; Mr. Wilson, Mr. Gaeth.

Requirements for a Major in History

Students must present a minimum of fifteen hours of upper division credit in History. The upper division courses selected must be approved by the major professor at the time of registration.

Lower Division Courses

1. History of Civilization. Autumn and Spring. Daily, 8:30. Five hours credit. Gaeth.
An orientation course covering all phases of human achievement. Cultural and constructive forces are of chief consideration. The survey is universal in time and place.
10. History of England to 1485. Autumn. M. W. F., 8:30. Three hours credit. Wilson.
Origin and development of the English people and English institutions from earliest times to 1485.
11. History of England, 1485 to 1714. Winter. M. W. F., 8:30. Three hours credit. Wilson.
Special consideration to the development under the Tudors and the struggle of Divine right claims of the Stuarts against parliamentary prerogative. The triumph of Parliament, 1689-1714.
12. History of England, 1714 to 1937. Spring. M. W. F., 8:30. Three hours credit. Wilson.
Cabinet government. A survey of the reform movements, political, economic and humanitarian in the nineteenth century, and England's relation to foreign affairs, to the time of the World War and after.
20. History of the United States to 1789. Autumn. M. W. F., 2:30. Three hours credit. Wilson.
Problems of discovery, exploration, and colonization; causes, conflicts, and results of American Revolution; establishment of state governments; formation and ratification of Constitution of the United States.

21. History of United States, 1789 to 1861. Winter. M. W. F., 2:30. Three hours credit. Wilson.

Federalist and Anti-Federalist control of government; foreign affairs and the Monroe Doctrine; "Rise of the New West"; problems of nullification; economic, political, and moral phases of slavery.

22. History of United States, 1861 to 1937. Spring. M. W. F., 2:30. Three hours credit. Wilson.

Problems of the Civil War and reconstruction; the new economic era; a new imperialism; the United States and the World War; post-war problems.

28. History of Hispanic America. Winter. M. W. F., 9:30. Three hours credit. Snow. (Not given this year.)

A brief survey of the colonial period and a more thorough consideration of the development of the Hispanic American Republics and their relation to the United States.

29. History of Hispanic America. Spring. M. W. F., 9:30. Three hours credit. Snow. Continuation of History 28. Emphasis on present-day conditions and international relations. (Not given this year.)

40. History of Germany and Central Europe. Winter. M. W. F., 8:30. Three hours credit. Gaeth.

A study of the history of the development of Germany and Central Europe with particular attention to the post-war period.

Upper Division Courses

50. Early Oriental History. Autumn. M. W. F., 10:30. Three hours credit. Sperry.

A study of ancient civilizations including Egypt, Babylon, Assyria, China, India, Arabia, Persia; also of the Hebrews, and other oriental races. The course is helpful to those especially interested in the Jewish scripture.

- 51, 52, 53. History of the Hebrew Civilization. Autumn, Winter, Spring. M. W. F., 9:30. Three hours credit each quarter. Sperry.

A survey of forces acting on the Hebrew commonwealth from earliest times. The message and present significance of the great creative personalities in Hebrew religious life will be especially emphasized.

54. Greek History. Winter. M. W. F., 10:30. Three hours credit. R. B. Swenson.

A study of the social, cultural, economic, and political developments of the Greek people from the early heroic

age down to Alexander. Major emphasis on phases of Greek culture which have influenced Western civilization.

57. **Roman History.** Spring. M. W. F., 10:30. Three hours credit. R. B. Swenson.

A survey extending from the rise of the Republic to the reign of Justinian. Special consideration will be given to the economic, social, cultural, and political forces which brought about the growth and decline of the Empire.

62. **Medieval History.** Autumn. M. W. F., 9:30. Three hours credit. Snow.

Survey of the period from the disintegration of the Roman Empire to 814. Emphasis will be placed on the development of the Papacy, the growth of Monasticism, the conversion of the barbarians and the significant reign of Charlemagne.

63. **History of Europe, 814-1250.** Winter. M. W. F., 9:30. Three hours credit. Snow.

A study of the social, economic and religious changes implicit in Feudalism, the Crusades, and the rise of cities.

64. **Close of the Middle Ages, 1250-1555.** M. W. F., 9:30. Three hours credit. Snow.

Emphasis in this period will be placed on the rise and growing power of the Third Estate, the Renaissance, the Reformation, and the emergence of monarchical states.

70. **History of Europe, 1556-1776.** Autumn. M. W. F., 2:30. Three hours credit. Snow.

A study of the revolutionary ideas that challenged the traditional views in science, theology, economics, and politics, and a consideration of the conflicts resulting therefrom.

71. **Europe, 1776-1878.** Winter. M. W. F., 2:30. Three hours credit. Snow.

A study of the revolutionary movements in America and Europe; the American and French revolutions; the period of reaction and emergence of liberalism and nationalism. The period from 1848 to 1878 will be given special emphasis.

72. **Europe since 1878.** Spring. M. W. F., 2:30. Three hours credit. Snow.

A study of the spread of industrialism and the consequent imperialistic competition resulting in the World War. A concluding survey of international relations and the underlying forces that make for peace or war.

80. **History of the American West.** Autumn. M. W. F., 3:30. Three hours credit. Snow.

America the frontier of Europe. International rivalry for the Caribbean area; the Atlantic tide water and the Pacific Coast. Problems of the West to 1803.

81. **History of the West.** Winter. M. W. F., 3:30. Three hours credit. Snow.

The significance of the Frontier in the development of a distinctive Americanism; the West in national issues 1803-1861.

82. **History of the West.** Spring. M. W. F., 3:30. Three hours credit. Snow.

The development and colonization of the Trans-Mississippi, the Rocky Mountains, and the Pacific West 1803-1892. Special consideration will be given to the Mormon migration and the development of Utah.

90. **Constitutional History of England.** Winter. M. W. F., 10:30. Three hours credit. Wilson.

A study of English constitutional development from the Anglo-Saxon period to the present. Attention is given to the origin and evolution of the royal prerogative, the judicial and administrative systems, the growth of Parliament, the development of cabinet responsibility. The aim is to understand the processes which have resulted in the establishment of a constitutional democratic form of monarchy.

95. **American Constitutional History.** Autumn. M. W. F., 10:30. Three hours credit. Jensen.

A study of the constitutional history of the United States from the colonial period to the present time.

Graduate Courses

110. **History of England, 1066-1485.** A study of the rise of the bourgeoisie and the evolution of Parliamentary supremacy.
111. **History of England, 1485-1714.** An intensive study of the evolution of cabinet government, or the Machine Age and its industrial and social consequences.
112. **History of England, 1714-1937.** Expansion and industrialism and the new economic doctrine of laissezfaire.
150. **Early Oriental History.** Problems of ancient civilizations.
- 151, 152, 153. **History of Hebrew Civilization.**
154. **Grecian History.** A study of important problems dealing with the development of Greek life and culture.
157. **Roman History.** Problems of agrarian reform and Roman imperialism.

162. Medieval History. Studies dealing with the Papacy and Monasticism.
163. Medieval History. Problems relating to Feudalism, the Crusades, and the rise of cities.
164. Medieval History. Emphasis on the Renaissance, the Reformation, rise of the Third Estate, and the rise of monarchical states.
170. Modern History. A new science and philosophy of the seventeenth and eighteenth centuries.
171. Modern History. The struggle between liberalism and conservatism in the nineteenth century.
172. Modern History. Some problems connected with the World War and intricate world relations since then.
180. History of the West. The West as a factor in international rivalry to 1763, and as a potential force in the American Revolution.
181. History of the West. The influence of the West in the opening of the Mississippi, the War of 1812, the American system, etc.
182. History of the West. The history of the Trans-Mississippi West, the Great Basin, etc.
190. Constitutional History of England. Emphasis upon fundamental movements connected with English constitutional growth.
195. American Constitutional History. Problems involved in the constitutional development of the United States.
198. Problems in Historical Research.
200. Research for Master's Thesis.

HOME ECONOMICS

Professors E. Warnick, Elliott, Poulson, Larsen; Assistant Professor Barlow; Miss Billings, Mrs. Poulson, Miss A. Warnick.

It is advised that students of Home Economics take both major and minor in this department as this facilitates placement in teaching positions. Major and minor may be obtained in Clothing and Textiles, Foods and Nutrition, Household Administration, and General Home Economics teaching major.

All freshmen who expect to major in Home Economics are required to take Household Administration 5. All seniors are required to take Household Administration 73. All teaching majors are required to take Household Administration 71 and 72. Foods

and Nutrition majors are required to take Chemistry 2, 3 and 9, Bacteriology 21 and 22; and Zoology 65. Clothing and Textile majors are required to take Art 21, 25 and 26, and Chemistry 2 and 3. Household Administration majors are required to take Art 21, 28, 29; Physics 11 and Chemistry 2 and 3.

CLOTHING AND TEXTILES

Clothing and Textiles 1, 2, 3, 55, 56, 60, 61, 62, 65, 66, and Chemistry 2 and 3 are required of all who major in Clothing and Textiles. Other additional hours are elective with the advice of the major professor.

Lower Division Courses

1 or 70. Clothing Selection and Construction. Autumn. M. T. W. Th., Sec. 1, 8:30. Sec. 2, 2:30. Three hours credit. Billings.

Fundamental principles of clothing selection and construction. Emphasis on the development of skills and the use of commercial patterns. Prerequisite or parallel: Art 21.

2 or 71. Clothing Design and Construction. Winter. 8:30 and 2:30. Three hours credit. Billings. Prerequisite 1 or 70.

Design and pattern blocking, with aim to develop freedom in design and modification of patterns.

3 or 72. Clothing Selection and Construction. Spring, 8:30 and 2:30. Three hours credit. Billings.

Problems in selection and construction; emphasis on textiles, textures and artistic dress. Prerequisite: 1 and 2.

5. Survey Course in Clothing Construction. Autumn, Winter, Spring. M. T. W. Th., 10:30. Two hours credit. Billings.

Introducing problems involved in selection and construction of personal clothing.

10. Dress Appreciation. Autumn. M. W. F., 1:30. Three hours credit. Billings.

A study of the economic and artistic problems involved in purchase of ready-to-wear clothing; fashion trends, clothing care, etc.

Upper Division Courses

50. Clothing Decoration. Autumn. M. T. W. Th., 9:30. Two hours credit. Elliott.

Planning and developing simple decorative stitches applicable to household and dress decoration. Articles of clothing applying these stitches will be made.

51. Applied Decoration. Winter. M. T. W. Th., 9:30. Two hours credit. Elliott.

A consideration of line, form, and color, in using decorative stitchery, knitting and crocheting on clothing and household articles.

52. **Children's Clothing.** Spring. M. T. W: Th., 9:30. Two hours credit. Elliott.

A consideration of design and construction of children's clothing suitable to various ages and types.

55. **Advanced Garment Construction.** Autumn. T. Th., 1:30. Two hours credit. Elliott.

Practice in renovating and remodeling. The principles of tailoring and applying the same to clothing.

56. **Advanced Garment Construction.** Winter. T. Th., 1:30. Two hours credit. Elliott.

Tailoring technique applied in the construction of coats, suits, and dresses.

57. **Wardrobe Building.** Spring. T. Th., 1:30. Two hours credit. Elliott.

Planning and designing dainty clothing for a college girl's wardrobe. Emphasis is put on the finishings of trimmings and material.

- 60, 61. **Textiles.** Autumn and Winter. T. Th., 10:30. Three hours credit each quarter. Elliott.

History of primitive and modern methods of manufacturing textile fibers. The construction and finish of fabric and factors of quality and cost. Prerequisite: Chemistry 2 and 3.

62. **Economics of Clothing Selection.** Spring. T. Th., 10:30. Three hours credit. Elliott. (See Marketing 62.)

Open to all upper division students. A study of factors involved in the selection and purchasing of clothing, with an evaluation of guides and sources of information for the consumers. Field trips to stores and industries.

65. **Historic Costume and Costume Design.** Winter. M. W. F., 1:30. Three hours credit. Billings.

Historic development of fashion and fashion trends. Costume for school entertainment. Prerequisite or parallel: Art 21 and 25.

Note: Art Appreciation and General or European History are important background courses.

66. **Costume Design.** Spring. M. W. F., 1:30. Three hours credit. Billings.

A study of art principles and their application to costume

design for general and specific types. Emphasis on original design by use of historic and current source material. Prerequisites: Clothing, 1, 2, 3, 65; Art 21 or 25.

Graduate Courses

- 160, 161. Textiles. Autumn and Winter. T. Th., 10:30. Three hours credit each quarter. Elliott.
162. Economics of Clothing Selection. Spring. T. Th., 10:30. Three hours credit. Elliott.

FOODS AND NUTRITION

Foods and Nutrition 10, 11, 12, 50, 53, 54, 55 and 56 are required of all who major in Foods and Nutrition. Other additional hours are elective with the advice of the major professor.

Lower Division Courses

1. Food Problems in the Home. Autumn. T. Th., Lecture 2:30-3:30. Three hours credit. A. Warnick.

For girls not majoring in home economics who desire some experience in planning, preparing and serving balanced, well-cooked family meals. Emphasis will be placed on fundamental principles underlying cooking methods.

2. Food Problems in the Home. Winter. T. Th., Lecture 2:30-3:30. Laboratory, 3:30-5:30. Three hours credit.

A continuation of course 1. Emphasis on family food problems such as marketing, budgeting, management of time, menu planning, etc.

3. Food Problems in the Home. Spring. T. Th., Lecture 2:30-3:30. Laboratory, 3:30-5:30. Three hours credit.

A continuation of course 2. Consideration will be given to social customs in relation to food service, types of party luncheons, catering, etc.

Note: Courses 1, 2, and 3 may be taken in order but there are no prerequisites.

4. Cookery Problems For Men. Autumn. M. W. F. One lecture and two laboratory periods, 7:30-8:30. Two hours credit. E. Warnick.

For men desiring experience in simple meal preparation.

5. Elementary Nutrition. Autumn. M. W. F., 2:30. Three hours credit. A. Warnick.

The nutritive properties of common foods and the essentials of an adequate diet, with special attention to the diet

of students. Open to men and women. Required of minors in Foods and Nutrition.

- 10 or 70. Food Selection, Preparation, and Serving. Autumn. M. W. Lecture 2:30-3:30. Laboratory, Sec. 1, T. Th., 8:30-10:30; Sec. 2, M. W., 3:30-5:30. Three hours credit. Barlow. Special attention is given to experimental cookery. A balanced diet with emphasis upon breakfast and dishes suitable to be served at this meal is considered.
- 11 or 71. Food Selection, Preparation, and Serving. Winter. M. W., Lecture 2:30-3:30. Laboratory. Sec. 1, T. Th., 8:30-10:30; Sec. 2, M. W., 3:30-5:30. Three hours credit. Barlow. Special emphasis on different luncheon dishes. Various types of luncheons are served. Prerequisite: Course 10.
- 12 or 72. Food Selection. Preparaton and Serving. Spring. M. W. Lecture, 2:30-3:30. Laboratory, Sec. 1, T. Th., 8:30-10:30; Sec. 2, M. W., 3:30-5:30. Three hours credit. Barlow. Special emphasis is placed on family table service. Dishes and menus for different types of dinners are studied. Prerequisite: Course 11.
- 15 or 75. Food Economics. Autumn. T. Th., 10:30. Laboratory in form of field trips. Three hours credit. Barlow. Food purchasing as affected by markets, advertising, brands, and other factors.

Upper Division Courses

50. Institutional Management. Autumn, Winter, Spring. Daily, 10:30-1:30. Five hours credit. A. Warnick. Practical laboratory experience in management of school cafeterias, quantity cookery, marketing, cafeteria accounting. Prerequisites or parallel courses, Foods and Nutrition 10, 11, 12, 52. Limited to six students each quarter. Register in the fall.
51. Institutional Management and Accounting. Winter. M. W. F., 2:30. Three hours credit. A. Warnick. Organization and management problems of school cafeterias, high school home economics and hospital dietary departments, including principles and current procedure in accounting and business. Should be taken parallel with foods 50.
52. Nutrition of Children. Spring. M. W. F., 2:30. Three hours credit. A. Warnick. Nutritional requirements and disorders of pregnancy, infancy, the pre-school and the school child.

53. **Nutrition.** Autumn. M. W. F., 9:30. Laboratory Th., 2:30-5:30. Four hours credit. Barlow.

A study of the chemistry, digestion and metabolism of carbohydrates, fats, and proteins; the effect of food on health and growth. Prerequisites: Chemistry 3, 9, 53 and Foods and Nutrition 10, 11, 12.

54. **Dietetics.** Winter. M. W. F., 9:30. Laboratory Th., 2:30-5:30. Four hours credit. Barlow.

A study of minerals and their metabolism; vitamins and the deficiency diseases. The food requirements of the family and individual are considered. Prerequisite: Course 53.

55. **Nutrition in Disease.** Spring. M. W. F., 10:30. Laboratory, Th., 2:30-5:30. Four hours credit. Barlow.

This course deals with the value of food in maintaining health. Emphasis is placed on special diets for different diseases. Prerequisite: Courses 53 and 54.

56. **Seminar in Nutrition.** Winter. Time to be arranged. Two hours credit. Barlow.

Required of all senior girls majoring in Foods and Nutrition.

57. **Advanced Problems in Cookery.** Winter. Time to be arranged. Two hours credit. Lecture and laboratory period. (Not given this year.)

58. **Experimental Animal Nutrition.** Open to seniors and graduates only. (Not given this year.)

This course is designed to acquaint students with the methods used in small animal experimentation. One hour lecture. Laboratory time and credit to be arranged. Prerequisite: 5 hours in organic or biochemistry and courses 53 and 54.

Graduate Courses

150. **Large Quantity Cooking and Marketing.** Autumn, Winter, Spring. Daily, 10:30-1:30. Five hours credit. A. Warnick.

153. **Nutrition.** Autumn. M. W. F., 9:30. Laboratory, Th., 2:30-5:30. Four hours credit. Barlow.

154. **Dietetics.** Winter. M. W. F., 9:30. Laboratory. Th., 2:30-5:30. Four hours credit. Barlow.

155. **Nutrition in Disease.** Spring. M. W. F., 9:30. Laboratory. Th., 2:30-5:30. Four hours credit. Barlow.

156. **Seminar in Nutrition.** Spring. T. Th., 10:30. Two hours credit. Barlow.

HOUSEHOLD ADMINISTRATION

Household Administration 12, 53, 54, 60, 61, 80, 81, 82, or 78 are required of all who major in Home Economics or Household Administration. Other additional hours are elective with the advice of the major professor.

Lower Division Courses

1. **Household Problems.** Autumn. T. Th., 8:30. Two hours credit. E. Warnick.

This course will present the most important problems in the organization and management of the household.

- 5 or 70. **Vocational Survey of Field of Home Economics.** Autumn. F., 3:30. One hour credit.

Members of Home Economics Faculty.

Vocational opportunities for home economics trained women are investigated and discussed. Required of all junior students, also seniors who have not previously had the course.

10. **Family Health.** Winter. T. Th., 8:30. Two hours credit. E. Warnick.

A consideration of factors underlying health; common communicable diseases and their treatment; home care of the sick.

- 12 or 62. **Family Relationships.** Spring. M. W. F., 8:30. Three hours credit. E. Warnick.

The modern family, its functions and structure; modern social conditions affecting its stability and pattern; responsibilities and contributions of members of the family. Open to men and women.

Upper Division Courses

- 52, 53, 54. **Interior Decoration.** Autumn, Winter, Spring. T. Th., 9:30. Two hours credit each quarter. Larsen. Prerequisites: Art 21, 28, 29. (See Art 91, 92, 93.)

60. **Home Management.** Spring. M. W. F., 2:30. Three hours credit. E. Warnick.

The study of the organization and management of the home, including home ideals, methods of work, division of time in the household and household tools.

61. **Economic Problems of the Family.** Winter. M. W. F., 2:30. Three hours credit. E. Warnick.

A study of the family income and its expenditure. Prerequisite: Sociology 11 or Economics 1.

63. **Standardization of Consumer's Goods.** Winter. M. W. F., 8:30. Three hours credit. E. Warnick.

Considers the position of the consumer-buyer today; the nature of standards and standardization; the process, and present status of standardization.

64. **Housing Problems of the Modern Family.** Autumn. M. W. F., 8:30. Three hours credit. E. Warnick.

This course will aim to present and discuss problems facing the homemaker today in the selection of shelter for the family.

65. **Equipment.** Spring. M. W. F., 10:30. Three hours credit. Barlow.

A study of electrical and non-electrical equipment for the home. Fundamental factors determining selection and use.

66. **Home Laundry.** Autumn. T. Th., 9:30. Two hours credit. Warnick. (Not given this year.)

Location of and equipment of the home laundry. Supplies and methods. Treatment of various textiles.

71. **Methods of Teaching Home Economics.** Spring. T. Th., 7:30. Two hours credit. Poulson.

The historical development, growth; present scope and trend; objectives of home economics education; its organization and relation to the present educational set-up.

72. **Methods of Teaching Home Economics.** Autumn. T. Th., 7:30. Two hours credit. Poulson.

Teaching methods as applied to home economics curriculum content; equipment and teaching facilities; laboratory arrangement and management. (Not given this year.)

73. **Seminar.** Spring. Th., 8:30. One hour credit. For all senior majors. E. Warnick.

78. **Psychology of Childhood and Adolescence.** Winter. T. Th., 8:30. Two hours credit. Poulson. (See Psychology 72.)

79. **Mental Hygiene.** Autumn. T. Th., 8:30. Two hours credit. Poulson. (See Psychology 71.)

80. **Child Care.** Autumn. M. W. F., 1:30. Three hours credit. E. Warnick.

Problems of parental and infant care; physical and mental standards of development; general care and hygiene of mother and child.

81. **Child Development.** Winter. M. W. F., 1:30. Three hours credit. E. Warnick.

Habit formation and behavior problems of the infant and pre-school child; home influence in the care and training of children; mental hygiene, observation of children in the home.

82. Seminar in Child Development. Spring. T., 8:30. One hour credit. E. Warnick.

Graduate Courses

160. Home Management. Spring. M. W. F., 2:30. Three hours credit. E. Warnick.
161. Economics of the Household. Winter. M. W. F., 2:30. Three hours credit. E. Warnick.
164. Housing Problems of the Family. Autumn. M. W. F., 8:30. Three hours credit. E. Warnick.
173. Seminar. Spring. Th., 8:30. One credit hour. E. Warnick.
180. Child Care. M. W. F., 1:30. Three hours credit. E. Warnick.
181. Child Development. Winter. M. W. F., 1:30. Three hours credit. E. Warnick.
182. Seminar in Child Development. Spring. T., 8:30. One hour credit. E. Warnick.

HORTICULTURE

Associate Professor Shaw; Professor Morris.

Students majoring in Horticulture are required to take the following courses: 1, 2, 3, 8, 10, 53, 59, and 80.

Lower Division Courses

1. Principles of Pomology. Autumn. M. W. F., 9:30. Three hours credit. Shaw.

The principles underlying profitable orchard management. History of orcharding, methods of planting, selecting of locations and sites, marketing, storage, harvesting, thinning, proper care of trees.

2. Truck Crops. Winter. M. W. F., 8:30. (Lab. M. W., 2:30-4:30.) Five hours credit. Shaw.

Fundamental principles underlying the production of vegetable crops.

3. Plant Propagation. Winter. T. Th., 9:30. (Lab. W., 2:30-5:30.) Three hours credit. Shaw. (See Landscape Architecture 3.)

Sexual and asexual means of propagation studied. Spores, seeds, grafting, budding, cutting, layering, separation.

- 4, 5. **Ornamental Herbaceous Plant Materials.** Autumn, Winter, Spring. T., 1:30. One hour credit each quarter. Morris. (See Landscape Architecture 4, 5.) (Not given this year.)

Annual and perennial flowering plants used in landscape design will be studied. Cultural methods, and insects and disease pests of each will be also considered.

6. **Ornamental Herbaceous Plant Materials.** Spring. T. Th., 1:30. Two hours credit. Morris. (See Landscape Architecture 6.) (Not given this year.)

Annual and perennial flowering plants used in landscape design will be studied.

7. **Small Fruits.** Winter. W. F., 9:30. Three hours credit.

A study of varieties, propagation, cultural methods, pruning, training, insect and disease control, and harvesting of small fruits.

8. **Ornamental Woody Plant Materials.** Autumn. T. Th., 8:30. Laboratory 2:30-5:30. Three hours credit. Morris.

Ornamental shrubs and trees used in landscape design will be studied. The student will learn to identify a large number, and also to control various pests that attack them.

9. **Ornamental Woody Plant Materials.** Spring. T. Th., 8:30; Laboratory 2:30-5:30. Three hours credit. Morris.

This course is a continuation of Horticulture 8.

20. **Theory and Practice of Landscape Design.** Spring. T. Th., 9:30. Laboratory T., 2:30-5:30. Three hours credit. Morris. (See Landscape Architecture 20.)

32. **Marketing Fruits and Vegetables.** Spring. M. W. F., 8:30. Three hours credit. Shaw.

Problems dealing with the transportation, marketing and storage of fruits and vegetables. Particular emphasis will be placed upon marketing methods and specific marketing problems.

40. **Weeds.** Autumn. T. Th., 2:30. Two hours credit. Shaw.

The important weeds occurring in Utah and their control. Study will be made of the weed seeds likely to occur in commercial seed.

Upper Division Courses

51. **Origin and History of Cultivated Plants.** Winter. T. Th., 8:30. Two hours credit. Morris.

Study of origin of species and varieties. Changes and adaptation of plants. Interesting historical facts of plants.

52. **Systematic Pomology.** Autumn. T. Th., 1:30. Laboratory F., 2:30-5:30. Two or three hours credit. Shaw.

Emphasis placed on the identification, description, and nomenclature of fruits and fruit trees.

53. **Advanced Pomology.** Spring. M. W. F., 1:30. Three hours credit. Shaw.

A technical course based upon plant physiology and morphology as applied to fruit production.

54. **Advanced Truck Crops.** Winter. T. Th., 2:30. (Lab. Th.) Three hours credit. Shaw.

A technical course in the taxonomy and morphology of the truck crops.

55. **Orchard Practice.** Spring. Time to be arranged. One hour credit. Shaw.

A study of horticultural problems in Utah. Orchards and plantations will be visited and studied.

59. **Plant Breeding.** Winter. M. W. F., 1:30. Three hours credit. Morris. (Not given this year.)

A study of plant genetics in relation to improvement of plants. Methods of hybridizing and selection as practiced in Europe and America.

60. **Floriculture.** Autumn. M. W. F. Three hours credit. The production of flowers with special reference to home culture and use. (Not given this year.)

80. **Vegetable Physiology.** Winter. M. W. F., 2:30. Three hours credit. Shaw.

Ecological and physiological factors underlying the production, preparation for market, and storage of vegetable crops. Prerequisites: Agronomy 41 and Botany 60.

- 91, 92, 93. **Seminar.** Autumn, Winter, Spring. One hour credit each quarter. Time to be arranged.

A study of the research work being done at the various experiment stations. For seniors majoring in Horticulture.

Graduate Courses

102. **Research.** Time and credit to be arranged.

Students who are qualified are required to do some horticultural research problems.

120. **Methods in Biological Research.** Winter. T. Th., 2:30. Two hours credit. Shaw.

Analysis of research methods, field plot technique and organization and prosecution of a thesis.

153. Advanced Pomology.

180. Advanced Vegetable Physiology.

JOURNALISM

Professors H. R. Merrill, J. M. Jensen, Johnson; Associate Professor Hales; Assistant Professors Culmsee. E. M. Jensen; Mr. Christensen.

English 1, 2, and 3 are prerequisites for all courses in Journalism with the exception of Courses 1 and 5 which may be taken concurrently with those courses.

Students who elect to major in Journalism must present thirty hours of credit in Journalism and thirty hours in English. The following subjects are required. Journalism 1, 2, 3, 4, 6, 51, 52 or 53, 54, 59, 65.

The following are suggested as minors in Journalism: Accounting and Business Administration, Art, Economics, History, Office Practice, Political Science, Sociology.

All majors in Journalism must be able to operate a typewriter.

Lower Division Courses

1. **History of Journalism.** Spring. T. Th., 10:30. Two hours credit. Merrill.

This course will include a study of the development of the English as well as the American press, but will lay special emphasis upon recent times and movements.

2. **News and Newswriting.** Autumn. M. W. F., 8:30. Three hours credit. Culmsee.

A course in the study of what constitutes news as well as practice in gathering and writing news copy.

3, 4. **Reporting.** Winter, Spring. Time to be arranged. Two hours credit each quarter. Merrill and Culmsee. Prerequisite: Journalism 2 and consultation with the instructor.

Methods of gathering and reporting news. Students will gather news in the regular channels in the City of Provo and will have experience in reporting for the daily press. Meetings for lectures will be arranged.

5. **Editing and Makeup.** Winter. M. W. F. 8:30. Three hours credit. Culmsee. Prerequisite: Journalism 2.

A study of and practice in copy reading, editing, newspaper makeup, and headline writing.

6. **College Journalism.** Autumn. Time to be arranged. One hour credit. Culmsee. Limited to Y News Staff.
7. **Ethics of Journalism.** Autumn. T. Th., 8:30. Two hours credit. Jensen.
A study of the moral aspects of Journalism—ideals and abuses.
- 14, 15, 16. **Commercial Art.** Autumn, Winter, Spring. Jensen. (See Art 14, 15, 16.) One to two hours credit each quarter.
21. **Problems of Citizenship.** Winter. (See Political Science 21.) Two hours credit. (Not given this year.)
26. **Photography.** Spring. Lecture T. and Th., 7:30. Laboratory. Time to be arranged. Three hours credit. Hales. (See Physics 26.)

Upper Division Courses

51. **Editorials and Editorial Writing.** Winter. T. Th., 2:30. Two hours credit. Merrill.
A study of the editorial and practice in writing it.
52. **Special Feature Articles.** Spring. T. Th., 9:30. Two hours credit. Culmsee. Prerequisite: Journalism 2, or the permission of the instructor.
A study of newspaper and magazine special feature articles, types, and sources. Help will be given in planning and marketing the article.
53. **Writing for the Magazines.** Autumn. T. Th., 2:30. Two hours credit. Merrill. Prerequisite: Consultation with the instructor.
This course is designed for those who have some hope of making writing for the press either their vocation or an important avocation. All types of magazine materials and markets will be studied.
54. **Book Reviewing.** Autumn. T. Th., 9:30. Two hours credit. Jensen. Prerequisite: Journalism 2 or 3, or English 12.
A study of current books, both fiction and non-fiction, and practice in reviewing them.
59. **Advertising.** Spring. Four hours credit. Johnson. (See Marketing 59.)
Arrangements for Journalism majors to enter this course must be made through the Division of Journalism.
60. **Problems of the Weekly Paper.** Spring. T. Th., 2:30. Two hours credit. Merrill. Prerequisite: Journalism 2 or 4.
A study of the country weekly, its place in American life, and its possibilities.

61, 62, 63. Commercial Art. Autumn, Winter, Spring. Two to four hours credit each quarter. Jensen. (See Art 61, 62, 63.)

65. Technique of Publicity. Spring. T. Th., 8:30. Two hours credit. Culmsee. Prerequisite: Journalism 2 or 3.

A study of the approach to the public consciousness through the newspaper, the lecture, the radio address—in fact, a study of the purposes and means of publicizing.

87. Teaching of Journalism. Spring. T. Th., 3:30. Two hours credit. Merrill. (Not given this year.)

This course is designed for English and Journalism majors who expect to teach in high school. It will include problems of supervision. Prerequisite: Journalism 2 or 4.

97, 98, 99. Recent Social Trends. Christensen. (See Sociology 97, 98, 99.) Two hours credit each quarter.

LANDSCAPE ARCHITECTURE

Professor Morris; Associate Professor Shaw; Assistant Professor Snell.

Lower Division Courses

1. History of Landscape Architecture. Winter. M. W. F., 8:30. Three hours credit. Morris.

Contributions of various civilizations from ancient Egypt to the present will be discussed. Emphasis on Italian Renaissance, English, French, and American styles.

2. Elements of Drawing. Autumn, Winter or Spring. Daily, 9:30 or 10:30. Two hours credit. Snell. (See Drawing 2.)

3. Plant Propagation. Winter. T. Th., 9:30. Laboratory W., 2:30-5:30. Three hours credit. Shaw. (See Horticulture 3.)

4, 5. Ornamental Herbaceous Plant Materials. Autumn and Winter. T., 1:30. One hour credit each quarter. Morris. (See Horticulture 4, 5.) (Not given this year.)

6. Ornamental Herbaceous Plant Materials. Spring. T. Th., 1:30. Two hours credit. Morris. (See Horticulture 6.) (Not given this year.)

8, 9. Ornamental Woody Plant Materials. Autumn and Spring. T. Th., 8:30. Lab. T., 2:30-5:30. Three hours credit each quarter. Morris. (See Horticulture 8 and 9.)

10. Landscape Architectural Drawing. Autumn. T. Th., 2:30-5:30. Two hours credit. Morris.

The pictorial representation of landscape features, including perspective, light and shade and lettering.

20. **Theory and Practice of Landscape Architecture.** Spring. T. Th., 9:30. Laboratory T., 2:30-5:30. Morris.

A general course for students not majoring in landscape architecture. Home grounds are the chief consideration of the course.

21. **Theory of Design.** Autumn. M. W. F., 8:30. Three hours credit. Morris.

Principles of design and composition as applied to landscape architecture. Unity, harmony, balance, repetition, etc. A foundation to all courses in landscape architecture.

24. **Landscape Design.** Winter. M. W. F., 2:30-5:30. Three hours credit. Morris.

The design of gardens and private grounds on flat surfaces. A fundamental course to all landscape design. Prerequisites: courses 10 and 21.

25. **Landscape Design.** Spring. M. W. F. Three hours credit. Morris.

Designing land surfaces to fit the setting. Private and public grounds considered. (Prerequisite: course 24.)

Upper Division Courses

- 51, 52. **Planting Design.** Winter, Spring, Th. F., 2:30-5:30. Two hours credit each quarter. Morris.

Planting plans for gardens and grounds studied in 24, 25 will be made. Plant compositions emphasized. Prerequisites: courses 4, 5, 6, 8, 9, 24 and 25.

53. **City Planning.** Winter. T. Th., 10:30. Two hours credit. Morris.

The history of various types of city plans; advantages and disadvantages. Emphasis on Salt Lake City, Washington, D. C., and Paris. The small city studied.

- 60, 61, 62. **Architectural Design.** Autumn, Winter, Spring. T., 2:30-5:30. One hour credit each quarter. Morris.

Designs of such architectural features as used in the landscape will be studied and made by students. Pergolas, arbors, retaining walls, garden houses, etc.

70. **Landscape Engineering.** Autumn. T. Th., 9:30. Laboratory T., 2:30-5:30. Three hours credit. Morris.

Grades and grading as applied to land surfaces, roads and walks form the major part of the course. Simple structures also considered. Prerequisite: Engineering 1, 3.

- 80, 81, 82. Advanced Landscape Design. Autumn, Winter, Spring. M. W., 2:30-5:30. Two hours credit each quarter. Morris.

The design of private and public grounds in relation to topography and natural features studied. Units of design will largely be determined by landshapes and surfaces. Prerequisites: Courses 21, 24, 25, and 70.

90. Modeling. Winter. T. W. Th., 9:30. One hour credit. Morris.

Landscape units modeled in miniature with plastelene, artificial trees, shrubs, grass, etc. This is a means of visualizing landscape compositions and topography.

Graduate Courses

101. Special Problems in Design. Autumn, Winter, Spring. Time and credit to be arranged. Morris.

This is a continuation of lower and advanced courses in design. It will be necessary for students who take this course to reside in Los Angeles for at least one month.

- 151, 152. Planting Design.

170. Landscape Engineering.

- 180, 181, 182. Advanced Landscape Design.

LIBRARY

Miss Ollorton and Mrs. Brown.

11. Use of Books and Libraries. Autumn, Winter or Spring. Th., 3:30. One hour credit.

The purpose of this course is to help students to become efficient in using books and libraries. The use of reference books and an understanding of the card catalog will receive special emphasis.

MATHEMATICS

Profesors Eyring, Marshall; Associate Professor Hales; Mr. Allred.

Students who major in Mathematics have the following courses prescribed: Mathematics 11, 12, 13, 50, 51, 52, 71.

Lower Division Courses

11. College Algebra. Autumn. Daily. Sec. 1, 8:30; Sec. 2, 2:30. Five hours credit. Eyring, Marshall, and Allred.

A study of fractions, exponents and radicals, quadratic equations, logarithms, elementary series, determinants, etc.

12. **Plane Trigonometry.** Winter. Daily. Sec. 1, 8:30; Sec. 2, 2:30. Five hours credit. Marshall, Hales, and Allred.

13. **Analytic Geometry.** Spring. Daily, 8:30. Five hours credit. Eyring, and Allred.

A study of rectangular co-ordinates, straight line, circle, parabola, ellipse, hyperbola, transfer of co-ordinates, etc. Prerequisites: Mathematics 11 and 12.

34. **Commercial Algebra.** Autumn. M. W. F., 2:30. Three hours credit. Eyring.

A review and drill in the essentials of algebra and the application of it to commercial problems.

35. **Mathematical Theory of Investments.** Winter. M. W. F., 2:30. Three hours credit. Eyring. (See Accounting and Business Administration 35.)

Application of algebra to general business problems, such as annuities, amortization, capitalization, depreciation, sinking fund, bond values, and building and loan associations.

36. **Graphical and Statistical Methods.** Spring. M. W. F., 2:30. Three hours credit. Eyring. (See Accounting and Business Administration 36.)

The graphical representation of data, method of averages, measurement of variability, correlation, probable errors, etc.

Upper Division Courses

50. **Differential Calculus.** Autumn. M. T. W. Th., 9:30. Four hours credit. Marshall.

An introductory course with numerous applications of the principles to tracing of curves, and the solution of problems from geometry and mechanics. Prerequisite: Mathematics 13.

51. **Integral Calculus.** Winter. M. T. W. Th., 9:30. Four hours credit. Marshall.

The purpose and nature of integration is developed. Principles applied to problems in geometry, mechanics, and physics.

52. **Advanced Calculus.** Spring. M. T. W. Th., 9:30. Four hours credit. Marshall.

Development of the definite integral as a sum, together with development of the more theoretical aspects of the differential calculus.

71. **Differential Equations.** Autumn. Daily, 9:30. Five hours credit. Eyring.

Differential equations of the first order, linear differential equations, total and partial differential equations with numerous applications to physics. Junior or senior year. Prerequisite: Mathematics 52.

81. **Theoretical Mechanics.** Winter. Daily, 10:30. Five hours credit. Marshall.

Fundamental principles of mechanics and their applications to physical problems. Prerequisites: Calculus and Physics 41, 42, 43.

Graduate Courses

101. **Vector Analysis.** Winter. M. W. F. Three hours credit. Marshall. (Not given this year.)

Fundamental operations of vector analysis.

102. **Vector Analysis.** Spring. M. W. F. Three hours credit. Marshall. (Not given this year.)

Application of vector analysis to mechanics, electromagnetic theory, and other branches of mathematical physics.

105. **Advanced Calculus.** Autumn. Daily, 2:30. Five hours credit. Marshall.

A review of the fundamental theory of the calculus presented with a view to precision of statement and accuracy of proof. Prerequisite: Mathematics 72.

106. **Advanced Calculus.** Winter. Daily, 2:30. Five hours credit. Marshall.

Theory of differential equations, study of simple integrals, multiple integrals, and infinite integrals.

107. **Advanced Calculus.** Spring. Daily, 2:30. Five hours credit. Marshall.

Study of some classes of functions defined by integrals; introduction to calculus of variations, and theory of functions.

Note: Courses 105, 106, and 107 will follow an outline somewhat as given in Wood's "Advanced Calculus."

171. **Differential Equations.** Autumn. Daily, 9:30. Five hours credit. Eyring.

192. **Readings in Mathematics.** Credit, one to three hours, depending on the work done. Marshall.

200. **Thesis in Mathematics.** Credit to be arranged.

MECHANIC ARTS

Assistant Professor Snell; Mr. Bigelow; Professors Hansen, Larsen.

For mechanic arts teachers, it is advised that both major and minor be taken in this department.

Credit in shop courses in Mechanics is given on the basis of three hours for nine hours application each week during the quarter.

MECHANICS

Lower Division Courses

1. Art Medal Work. Winter. M. W. F. Two hours credit. Snell. Prerequisite: Drawing 1.
2. Art Leather Work. Spring. M. W. F. Two hours credit. Snell. Prerequisite: Drawing 1.
4. Shop Practice. Autumn. Daily, 1:30-3:30. Three hours credit. Snell.

The making of projects suitable for junior and senior high school instruction in sheet metal, cold iron, and electrical lighting circuits, buzzers, bells, heating elements, etc.

5. Ornamental Iron Work. Autumn. T. Th., 1:30-3:30 or 3:30-5:30. Two hours credit. Snell.

Craftsmanship in wrought iron work. Designing, cutting, sawing, bending, drilling, tapping, threading, finishing, etc. Lectures and outside preparation.

6. General Construction. Autumn, Winter, Spring. Daily, 1:30-3:30 or 3:30-5:30. Three hours credit. Snell.

Review of tool processes and tool sharpening, survey of common building materials, billing and ordering, cement forming and framing applied in simple structures.

7. Tool Technique. Autumn, Winter, Spring. M. W. F., 1:30-3:30 or 3:30-5:30. Two hours credit. Snell.

Required of all mechanics majors. Sharpening, care and use of woodworking hand tools, applied in fundamental principles of sawing, joining, fitting, fastening, etc.

11. Elementary Auto Mechanics. Autumn. Daily, 9:30-11:30, 1:30-3:30. Two or three hours credit. Bigelow.

Construction of the automobile and an elementary study of the principles involved. Lubrication, assembling and repairing of brakes, rear axles, transmission systems and engines.

12. Elementary Auto Mechanics. Winter. Daily, 9:30-11:30, 1:30-3:30. Two or three hours credit. Bigelow.

Construction and adjustment of carburetors and ignition system.

13. **Elementary Auto Mechanics.** Spring. Daily, 9:30-11:30, 1:30-3:30. Two or three hours credit. Bigelow.

Ignition, timing, "trouble shooting," battery work and starting and lighting systems.

17. **Wood Turning.** Autumn, Winter, Spring. Daily or M. W. F., 1:30-3:30 or 3:30-5:30. Two or three hours credit. Snell.

Exercises and projects in wood turning executed through individual designs.

18. **Pattern Making.** Autumn, Winter, Spring. Daily or M. W. F., 1:30-3:30 or 3:30-5:30. Two or three hours credit. Snell.

The principles of pattern making are taught through the making of simple patterns for machine parts.

19. **Wood and Metal Finishing.** Autumn, Winter, Spring. M. W. F., 1:30-3:30 or 3:30-5:30. Two hours credit. Snell.

Preparation of surfaces for the application of finishes. Staining, painting, varnishing, lacquering, polishing, etc. Use of the brush and air gun.

21. **Upholstering and Seat Weaving.** Autumn, Winter, Spring. Daily or M. W. F., 1:30-3:30 or 3:30-5:30. Two or three hours credit. Snell.

Typical forms of upholstery, including foundations with and without springs. Seat and panel weaving with cane and fiber.

23. **Cement.** Spring. Daily, 3:30-5:30. Three hours credit. Snell.

Cement, mixes, tests, forming, finishing, etc., in structural and ornamental projects.

27. **Cabinet Construction.** Autumn. Daily or M. W. F., 1:30-3:30, 3:30-5:30. Two or three hours credit. Snell.

Drawings are submitted and the article is made to conform to these. Woods commonly used in cabinet work are studied as to their adaptability and finishing qualities; veneering, inlaying and polishing.

28. **Cabinet Construction.** Winter. Daily or M. W. F. Snell.
Continuation of 27.

29. **Cabinet Construction.** Spring. Daily or M. W. F., 1:30-3:30. Snell.

Continuation of 28.

Upper Division Courses

51. **Ignition.** Autumn. Daily, 3:30-5:30. Two or three hours credit. Bigelow.

Battery and magneto ignition. Study and practice of the principles involved in testing for troubles and making adjustments.

52. **Generators and Starting Motors.** Winter. Hours and credits as in 51. Bigelow.

The working principles of the dynamo, and testing for shorts and open circuits. Reverse current cutouts, types of generator regulation as third brush control systems and generator output.

53. **Machine Work and Welding.** Spring. Hours and credit the same as in 51. Bigelow.

Drill-press, lathe, and planer work. Principles of cutting tools, forging and tool sharpening. The use of the torch in cutting and welding.

57. **Standard Construction Methods.** Autumn. M. W. F., 8:30. Three hours credit. Snell.

This course deals with the theoretical side of building. Location, soil conditions, footings, materials, equipment, etc.

58. **Carpentry.** Autumn, Winter, Spring. Daily, 3:30-5:30. Three hours credit. Snell.

Thorough drill in saw filing. Tool practice applied in practical problems. Fitting and hanging of doors and windows, built-in cabinets, stair construction and framing. Prerequisite: Course 7, and Drawing 13.

59. **Estimating.** Spring. M. W. F., 8:30. Three hours credit. Snell.

Interpretation of plans and specifications. Methods of estimating and figuring costs of material and labor. Permits, contracts, liens. Prerequisite: Drawing 13.

64. **Mill Work—Woodworking Machinery.** Autumn, Winter, Spring. Daily or M. W. F., 1:30-3:30 or 3:30-5:30. Two or three hours credit. Snell.

Work will be handled as nearly as possible as in actual practice. Estimates and working drawings will be made and a careful check of material and labor kept and computed for each job.

- 65, 66, 67. **Shop Work.** Autumn, Winter, Spring. Daily or

M. W. F., 1:30-3:30 or 3:30-5:30. Two or three hours credit. Snell.

Advanced work, consisting of the erection of buildings, cabinet work, upholstery, pattern work, or novelty work. Prerequisites: Courses 57, 58, 59, or their equivalents.

DRAWING

While courses are listed according to quarters, any course may be taken any quarter, provided prerequisites have been met.

Lower Division Courses

1. **Theory and Practice of Design.** Autumn. M. W. F., 1:30. Two hours credit. Larsen. (See Art 21.)

2. **Elements of Drawing.** Autumn, Winter, Spring. Daily, 9:30 or 10:30. Two hours credit. Snell.

This course is designed to give facility in lettering, drawing of simple working drawings, charts, graphs, making sketches and reading drawings.

3. **Free-hand Lettering.** Autumn, Winter, Spring. Daily, 9:30 or 10:30. Two hours credit. Snell.

Practice in lettering as applied in architectural and engineering office work.

4. **Engineering Drawing.** Autumn, Winter, Spring. Daily, 9:30 or 10:30. One to three hours credit. Snell.

The care and use of instruments, lettering, applied geometry, and orthographic projection.

5. **Engineering Drawing.** Autumn, Winter, Spring. Daily, 9:30 or 10:30. One to three hours credit. Snell.

Pictorial representation, developed surfaces, intersections, and working drawings. Prerequisite: Drawing 4 or equivalent.

6. **Descriptive Geometry.** Autumn, Winter or Spring. Daily, 9:30 or 10:30. One to three hours credit. Snell.

A study of the principles relating to the point, line plane, cylinder, cone and double-curved surfaces of revolution, with application to practical problems. Prerequisites: Drawing 4 and 5.

8. **Elementary Machine Design.** Autumn. Daily, 9:30 or 10:30. Two hours credit. Snell.

Drawing of machine fastenings, such as bolts, screws, rivets, keys, etc. Dimensionings, working drawings and technical sketching. Detail and blueprints. Prerequisites: Drawing 4, 5, 6.

9. **Elementary Machine Design.** Winter. Daily, 9:30 or 10:30. Two hours credit.
Continuation of 8.
10. **Shades and Shadows.** Autumn, Winter or Spring. Daily, 9:30 or 10:30. Two hours credit. Snell.
Planned to give fundamental knowledge necessary for casting shadows in architectural design.
11. **Instrumental Perspective.** Autumn, Winter, or Spring. Daily, 9:30 or 10:30. Two hours credit. Snell.
The theory and application of methods of drawing architectural perspectives.
12. **Rendering.** Autumn, Winter or Spring. Daily, 9:30 or 10:30. Two hours credit. Snell.
Wash rendering practice plates and rendering of architectural elements.
13. **Architectural Drawing.** Autumn, Winter, Spring. Daily, 9:30 or 10:30. Two hours credit. Snell.
Drawing of plans, elevations, and details of different types of buildings. Tracing and blue-printing. Prerequisites: Drawing 4, 5 and 6, or equivalent.
14. **Architectural Drawing.** Winter. Daily, 9:30 or 10:30. Two hours credit.
Continuation of 13.
15. **Architectural Drawing.** Spring. Daily, 9:30 or 10:30. Two hours credit.
Continuation of 14.
- 16, 17, 18. **Architectural Design.** Autumn, Winter, Spring. Daily, 9:30 or 10:30. Extra laboratory period arranged any afternoon. Two or three hours credit each quarter. Snell.
A series of order problems involving the study of the principles of composition. Problems similar to Class B Analytiques of the Beaux-Arts Institute of Design will be followed. Prerequisites: Drawing 6, 10, 11, 12.
19. **Topographical Drawing.** Autumn, Spring. Daily, 9:30 or 10:30. Two hours credit. Snell.
Practical elementary work in topographical drawing. Mapping and plotting from field notes.

Upper Division Courses

- 51, 52, 53. **Architectural Design.** Autumn, Winter, Spring. Daily, 9:30-10:30. Extra laboratory periods arranged any afternoon. Three hours credit each quarter. Snell.
Designing, rendering, detailing, tracing, and blue-print-

ing. A complete set of plans with one display drawing each quarter. Prerequisites: Drawing 16, 17 and 18.

ENGINEERING

Drawing 4, 5, 6, and Mechanics 7, 18, 51, 52, 53, 57, 59 are required of all pre-engineering students.

Lower Division Courses

- 1, 3. Elementary Surveying. Autumn and Spring. M. W. F., 3:30. Three hours credit each quarter. Prerequisites: Trigonometry and Drawing 4, 5, 6.

Methods of using the compass, tape, level and transit in making plain surveys, differential leveling, profile and cross-section work, curves, grades, computation, and platting.

Upper Division Courses

63. Geology of Ground Water. Daily, 8:30. Five hours credit. (See Geology 92.) Dennis.

MODERN AND CLASSICAL LANGUAGES

Professors Cummings, De Jong; Associate Professor Sperry; Assistant Professors Swensen, Black; Mrs. Roberts, Miss Osmond, Mr. Broadbent, Mr. Richardson, Mr. Cooper.

The department offers in French, Spanish and German programs leading to a teaching minor and a teaching major; and, in French and German, graduate programs leading to a Master of Arts degree. Students specializing in this field are advised to offer two units of high school work in the chosen language. Graduate majors are advised to offer Latin.

For a minor the following program is required if the department's recommendation for teaching is desired: Courses 1-3 (or two units of high school work in the language), 51-53, 54-56, 61-63, and Phonetics 42.

For a major the following program is required: All the courses required for a minor, and in addition courses 61-63, 71-73, 81-83. English 29 recommended.

For a Master of Arts degree in French or German, 40 hours of undergraduate work in the language is prerequisite. The following requirements are made: 1. The passing of a qualifying examination in the language and literature to be studied as well as in the field of general culture. 2. The satisfactory completion of 24 hours of work in the chosen language. 3. A final written examination on this work. 4. The oral examination given under the direction of the Graduate School. 5. Courses covering the general field of the literature and elemen-

tary philology. 6. A satisfactory thesis either in the field of philology or of literature.

FRENCH

Lower Division Courses

- 1, 2, 3. **First Year French.** Autumn, Winter, Spring. Daily, 9:30, Cummings; and 1:30, Roberts. Five hours credit each quarter.

Designed for those who have had no French. Pronunciation, reading, the fundamentals of grammar and the building of a substantial reading vocabulary.

Upper Division Courses

- 51, 52, 53. **Second Year French Grammar and Composition.** Autumn, Winter, Spring. M. W. F., 2:30. Three hours credit each quarter. Roberts.

Review of grammar. Conversation and composition. Prerequisite: French 3 or two units of French in high school.

- 54, 55, 56. **Second Year French Reading.** Autumn, Winter, Spring. M. W. F., 9:30. Three hours credit each quarter. Osmond.

The various language skills, viz., reading, understanding, speaking and grammar. Reading both intensive and extensive. Prerequisite: French 1, 2, 3, or two units of French in high school.

- 61, 62, 63. **Third Year French Composition and Conversation.** Autumn, Winter, Spring. M. W. F., 8:30. Three hours credit each quarter. Cummings. Prerequisite: Thirty hours of French or the consent of the instructor.

- 64, 65, 66. **Third Year French Reading.** Autumn, Winter, Spring. T. Th., 9:30. Two hours credit each quarter. Roberts.

Basic texts for intensive classroom study and an abundance of reading from standard French literature to be done outside the class and reported. Prerequisite: At least 24 hours credit or equivalent of French.

- 71, 72, 73. — **Introduction to French Literature and Culture.** Autumn, Winter, Spring. M. W. F., 10:30. Three hours credit. Roberts.

A general view of the literary periods, movements, and social background, with representative readings. Prerequisites: Thirty hours of French or the consent of the instructor.

- 81, 82, 83. French for Teachers. Autumn, Winter, Spring. T. Th., 2:30. Two hours credit each quarter. Cummings. (Not given this year.)

Problems of French pronunciation, grammar, versification, reading, etc. A brief introduction to the history of the French language.

Graduate Courses

- 101, 102, 103. French Composition. Autumn, Winter, Spring. M. W. F., 8:30. Two hours credit each quarter. Cummings.
104. History of the French Language. Autumn. T. Th., 8:30. Two hours credit. Cummings. (Not given this year.)
- 107, 108. French Phonetics. Winter, Spring. T. Th., 8:30. Two hours credit. Cummings. (Not given this year.)

Experimental and practical study of the sounds of French.

- 111, 112, 113. Introduction To Old French. Autumn, Winter, Spring. T. Th., 8:30. Two hours credit. Cummings.

Reading and grammatical study of Old French texts.

- 121, 122, 123. French Novel From 1800 to the Present. Autumn, Winter, Spring. Time to be arranged. Two hours credit each quarter. Cummings. (Not given this year.)
- 131, 132, 133. French Drama From 1800 to the Present. Autumn, Winter, Spring. M. W., 9:30. Two hours credit each quarter. Cummings. (Not given this year.)

141. Corneille. Autumn. T. Th., 10:30. Two hours credit. Roberts.
142. Racine. Winter. T. Th., 10:30. Two hours credit. Roberts.
143. Moliere. Spring. T. Th., 10:30. Two hours credit. Roberts.
- 171, 172, 173. French Literature of the Seventeenth, Eighteenth and Nineteenth Centuries. Autumn, Winter, Spring. M. W. F., 10:30. Two hours credit each quarter. Roberts.

- 181, 182, 183. French for Teachers. Autumn, Winter, Spring. T. Th., 2:30. Two hours credit each quarter. Cummings. (Not given this year.)

Problems of French pronunciation, grammar, versification, reading, etc.

200. Research for Master's Thesis.

SPANISH

Lower Division Courses

- 1, 2, 3. First Year Spanish. Autumn, Winter, Spring. Daily, 2:30. Five hours credit each quarter. Richardson.

Designed for those who have had no Spanish. Pronunciation, reading, and the fundamentals of grammar. Special emphasis on the building of a substantial reading vocabulary.

Upper Division Courses

- 51, 52, 53.—Second Year Spanish Grammar and Composition. Autumn, Winter, Spring. T. Th., 1:30. Two hours credit each quarter. Richardson.

Review of grammar. Composition and conversation. Prerequisite: Spanish 3 or two units in high school.

- 54, 55, 56. Second Year Spanish Reading. Autumn, Winter, Spring. M. W. F., 1:30. Three hours credit each quarter. Cooper.

The various language skills, viz., reading, understanding, speaking, grammar. Reading intensive and extensive. Prerequisite: Spanish 3, or fifteen hours of Spanish or two units of Spanish in high school.

- 61, 62, 63. Third Year Spanish Composition and Conversation. Autumn, Winter, Spring. T. Th. Three hours credit each quarter. Cummings. Prerequisite: Thirty hours of Spanish. (Not given this year.)

- 64, 65, 66. Third Year Spanish Reading. Autumn, Winter, Spring. M. W. F., 3:30. Three hours credit each quarter. Osmond.

Basic texts for intensive classroom study and an abundance of reading from standard Spanish literature to be done outside the class and reported. Prerequisite: At least twenty-four hours credit or the equivalent of Spanish.

ITALIAN

Lower Division Courses

- 1, 2, 3. Elementary Italian. Autumn, Winter, Spring. M. W. F., 1:30. Three hours credit each quarter. Cummings.

Introduction to the elements of grammar. Special attention to accurate pronunciation for the benefit especially of students of vocal music. Easy reading.

GERMAN

Lower Division Courses

- 1, 2, 3. First Year German. Autumn, Winter, Spring. Daily, Sec. 1, 8:30, De Jong; Sec. 2, 9:30, Broadbent, and Sec. 3, 2:30, Osmond. Five hours credit each quarter.

Designed for those who have had no German. Pronunciation, reading, and the fundamentals of grammar, the building up of a substantial reading vocabulary.

Upper Division Courses

- 51, 52, 53. **Second Year German Grammar and Composition.** Autumn, Winter, Spring. T. Th., 8:30. Two hours credit each quarter. Osmond.

Review of grammar. Composition and conversation. Prerequisite: German 3 or two units of German in high school.

- 54, 55, 56. **Second Year German Reading.** Autumn, Winter, Spring. M. W. F., Sec. 1, 8:30, Osmond; and Sec. 2, 3:30, Swenson. Three hours credit each quarter.

Comprehensive study of grammar. Conversation and composition. Reading from the general field. Prerequisite: German 3 or fifteen hours of German, or two units of German in high school.

- 61, 62, 63. **Third Year German Composition and Conversation** Autumn, Winter, Spring. M. W. F., 1:30. Three hours credit each quarter. De Jong. Prerequisite: Twenty-four hours of German or the consent of the instructor.

- 64, 65, 66. **Third Year German Reading.** Autumn, Winter, Spring. M. W. F., 2:30. Two hours credit each quarter. De Jong.

Basic texts for intensive classroom study and an abundance of reading from standard German literature to be done outside the class and reported. Prerequisite: At least twenty-four hours credit or the equivalent.

- 71, 72, 73. **Introduction to German Literature and Culture.** Autumn, Winter, Spring. M. W. F., 3:30. Three hours credit. De Jong.

A general view of the literary periods, movements, and social background, with representative readings. Prerequisite: Thirty hours of German or the consent of the instructor.

- 81, 82, 83. **German for Teachers.** Winter, Spring. T. Th., 1:30. Two hours credit. De Jong. (Not given this year.)

Problems of German pronunciation, grammar, versification, reading, etc. A brief introduction to the history of the German language.

Graduate Courses

- 101, 102, 103. **German Composition.** Autumn, Winter, Spring. M. W. F., 1:30. Two hours credit each quarter. De Jong.
- 111, 112, 113. **Gothic.** Autumn, Winter, Spring. T. Th., 3:30. Two hours credit each quarter. De Jong.
Introduction to the study of Gothic. General introduction to Germanic Philology. Reading from the Gothic Bible.
- 114, 115, 116. **Middle High German.** Autumn, Winter, Spring. Time to be arranged. Two hours credit each quarter. De Jong. (Not given this year.)
Reading of selected Middle High German texts.
- 121, 122, 123. **German Novel from 1800 to the Present.** Two hours credit each quarter. De Jong. (Not given this year.)
- 131, 132, 133. **German Drama from 1800 to the Present.** Two hours credit each quarter. De Jong. (Not given this year.)
141. **Lessing.** Autumn. M. W., 4:30. Two hours credit. De Jong.
142. **Schiller.** Winter. M. W., 4:30. Two hours credit. De Jong.
143. **Goethe.** Spring. M. W., 4:30. Two hours credit. De Jong.
144. **Kleist and Grillparzer.** Autumn. M., 4:30. Two hours credit. De Jong. (Not given this year.)
145. **Hebbel and Ludwig.** Winter. M., 4:30. Two hours credit. De Jong. (Not given this year.)
146. **Hauptmann and Sudermann.** Spring. M., 4:30. Two hours credit. De Jong. (Not given this year.)
- 171, 172, 173. **History of German Literature.** Autumn, Winter, Spring. M. W. F., 3:30. Two hours credit each quarter. De Jong.
- 181, 182, 183. **German for Teachers.** Winter, Spring. T. Th., 1:30. Two hours credit. De Jong. (Not given this year.)
Problems of German pronunciation, grammar, versification, reading, etc. A brief introduction to the history of the German language.
200. **Research for Master's Thesis.**

LATIN

Lower Division Courses

- 1, 2, 3. **First Year Latin.** Autumn, Winter, Spring. Daily, 8:30. Five hours credit each quarter. Black.

Designed for those who have had no Latin. Mastery of pronunciation, declensions and conjugations. Correlation of Latin originals with English derivatives. Graded reading. Characteristics of Roman civilization.

Upper Division Courses

54, 55, 56. **Advanced Latin.** Autumn, Winter, Spring. Daily, 2:30. Three hours credit each quarter. Black.

Comprehensive study of grammar. Composition. Reading from the classics. Prerequisite: Latin 3 or two units of Latin in high school.

GREEK

Lower Division Courses

1, 2, 3. **First Year Greek.** Autumn, Winter, Spring. M. W. F. 8:30. Three hours credit each quarter. Swensen.

Designed for those who have had no Greek. The fundamentals of Greek syntax, declensions, and conjugations. Readings in the Greek New Testament. Hellenistic culture and its literary productions.

Upper Division Courses

54, 55, 56. **Second Year Greek.** Autumn, Winter, Spring. Three hours credit each quarter. Swensen. (Not given this year.)

Translation, readings from the Greek New Testament, Epictetus, and Xenophon. Comparison and contrast of the classical and Hellenistic literary and grammatical forms. Prerequisites: Greek, 1, 2, 3, or the equivalent.

HEBREW

Upper Division Courses

51, 52, 53. **First Year Hebrew.** Autumn, Winter, Spring. Daily, 2:30. Five hours credit each quarter. Sperry.

A beginning course. The elements of Hebrew grammar. Translation and simple composition.

54, 55, 56. **Second Year Hebrew.** Autumn, Winter, Spring. M. W. F., 3:30. Three hours credit each quarter. Sperry.

Advanced grammar and readings from the books of Genesis, Deuteronomy, Samuel and Kings.

Graduate Courses

151, 152, 153. **Beginning Hebrew.** Autumn, Winter, Spring, Daily, 2:30. Five hours credit each quarter. Sperry.

The fundamentals of Hebrew grammar. Exercises in reading, translation and simple composition leading to ability to make clear interpretation of texts.

157, 158, 159. **Readings from Hebrew Prophetic and Wisdom Books.** Autumn, Winter, Spring. Hours to be arranged. Two hours credit each quarter. Sperry.

PHONETICS

Lower Division Course

42. **Practical Phonetics.** Autumn. T. Th., 1:30. Two hours credit. De Jong.

The elementary principles of speech mechanics in their relation to correct diction. This course correlates with courses in the Modern Languages, Speech, and Vocal Music.

MUSIC

Professors Jepperson-Madsen, Robertson, Madsen, De Jong; Associate Professor Sauer; Assistant Professor Hanson; Mr. Halliday, Miss Summerhays, Mr. Buggert, Mr. Nelson. Mr. Fitzroy, Mrs. Packard, Mr. Olsen, Mr. Keeler.

Those who major in the Department of Music must complete the following courses: Theory of Music 11, 12, 13; 21, 22, 23; 31; 61; 71, 72, 73; 81; Piano, 3 hours; Vocal Culture, 3 hours; and Vocal or Instrumental Ensemble, 6 hours. Those preparing to teach should also take Theory of Music 41 and 91. These requirements are subject to change where conditions warrant individual consideration.

The work presented by those who minor in the Department of Music should include the following courses: Theory of Music 11, 12, 13; 21, 22, 23; 31; 41; and 91.

Private courses are indicated by -p. In the instrumental division, the letter immediately following the number indicates the instrument; e. g., 7 p-p means course 7, private piano; 3 t-p means course 3, private trombone, etc.

THEORY OF MUSIC

Lower Division Courses

11, 12, 13. **Solfeggio.** Autumn, Winter, Spring. T. Th. Two hours credit each quarter. Halliday.

The study of notation intervals, diction, and sight-singing.

- 21, 22, 23. Harmony.** Autumn, Winter, Spring. M. W. F. Three hours credit each quarter. Halliday.

Intervals; primary and secondary triads; dominant seventh and ninth chords, diminished seventh chords; open harmony.

- 31, 32, 33. Philosophy and Appreciation of Music.** Autumn, Winter, Spring. T. Th. Two hours credit each quarter. Madsen.

The important philosophies of music and musicians; the philosophy of the elements of music, musical structure, musical compositions, musical values.

- 41. Public School Methods.** Autumn or Spring. M. W. F. Three hours credit. Hanson.

Special technique of instruction and materials for the grades; class demonstrations and supervised teaching. Prerequisite: Theory of Music 11.

Upper Division Courses

- 61, 62, 63. Solfeggio.** Autumn, Winter, Spring. T. Th. Two hours credit each quarter. Halliday.

Prerequisite: Theory of Music 11, 12 and 13. Training in advanced sight singing.

- 71, 72, 73. Harmony.** Autumn, Winter, Spring. M. W. F. Three hours credit each quarter. Robertson.

Prerequisite: Theory of Music 23. Modulation; secondary seventh and altered chords; non-harmonic tones; modern harmony, form and analysis.

- 81, 82, 83. History.** Autumn, Winter, Spring. M. W. F. Three hours credit each quarter. Madsen.

Alien musical systems, ancient and modern. Medieval and modern music.

- 91. High School Methods.** Winter. T. Th. Two hours credit. Hanson.

Special technique of instruction and materials for the junior and senior high schools. This course should precede or accompany Secondary Education 54.

- 92, 93. Counterpoint.** Autumn, Winter. T. Th. Two hours credit each quarter. Madsen.

An elementary course in counterpoint.

- 94. Composition.** Spring. T. Th. Two hours credit. Madsen.

An elementary course in composition in the smaller forms. Prerequisites: Theory of Music 73, 93.

95. **Instrumentation.** Winter. T. Th. Two hours credit. Sauer.
A practical course for high school teachers and supervisors in arranging for band and orchestra.

Graduate Courses

- 121, 122, 123. **Counterpoint.** Autumn, Winter, Spring. Three hours credit each quarter. Robertson and Madsen.
Strict and free counterpoint in the various species. Modal counterpoint. Prerequisites: Theory of Music 71, 72, 73.
- 124, 125, 126. **Canon and Fugue.** Autumn, Winter, Spring. Three hours credit each quarter. Robertson and Madsen. Prerequisites: Theory of Music 123.
- 127, 128, 129. **Instrumentation.** Autumn, Winter, Spring. Three hours credit each quarter. Robertson.
Study of orchestra instruments; arranging for chamber combinations, string and symphony orchestra. Prerequisite: Theory of Music 73.
163. **Harmony.** Spring. Three hours credit. Halliday. Prerequisite: Theory of Music 73. An intensive study of modulation.
- 181, 182, 183. **Composition.** Autumn, Winter, Spring. Three hours credit each quarter. Robertson and Madsen. Prerequisites: Theory of Music 73 and 123.
200. **Research for Master's Thesis.** Credit to be arranged.

INSTRUMENTAL MUSIC

Lower Division Courses

- 1, 2, 3; 4, 5, 6. **Band.** Autumn, Winter, Spring. Daily. One hour credit each quarter. Sauer.
Admission by consent of director.
- 7, 8, 9; 10, 11, 12. **Orchestra.** Autumn, Winter, Spring. Daily. One hour credit each quarter. Robertson.
Admission by consent of director.
- 13, 14, 15; 16, 17, 18. **String Ensemble.** Autumn, Winter, Spring. M. W. F. One hour credit each quarter. Buggert.
- 19, 20, 21; 22, 23, 24. **Band Ensemble.** Autumn, Winter, Spring. Three times each week. One hour credit each quarter. Sauer.
- 1, 2, 3; 4, 5, 6p-p. **Piano.** Autumn, Winter, and Spring. One hour credit each quarter. Nelson, Hanson, Fitzroy, Keeler.
- 7, 8, 9p-p. **Piano Ensemble.** Autumn, Winter, Spring. One hour credit each quarter. Nelson.

The fundamentals of ensemble playing. Four, six, and eight hand arrangements.

10p-p. Piano Pedagogy. Any quarter. One hour credit. Nelson, Hanson, Fitzroy.

Methods and problems of piano teaching in the elementary grades.

1, 2, 3; 4, 5, 6v-p. Violin. Autumn, Winter, Spring. One hour credit each quarter. Robertson, Olsen.

1, 2, 3; 4, 5, 6c-p. Cornet. Autumn, Winter, Spring. One hour credit each quarter. Sauer.

1, 2, 3b-p. Baritone. Autumn, Winter, Spring. One hour credit each quarter. Sauer.

11, 12, 13b-p. Bassoon. Autumn, Winter, Spring. One hour credit each quarter. Sauer.

21, 22, 23b-p. Bass (Tuba.) Autumn, Winter, Spring. One hour credit each quarter. Sauer.

11, 12, 13; 14, 15, 16c-p. Clarinet. Autumn, Winter, Spring. One hour credit each quarter, Sauer.

1, 2, 3d-p. Drums and Tympani. Autumn, Winter Spring. One hour credit each quarter. Sauer.

1, 2, 3f-p. Flute. Autumn, Winter, Spring. One hour credit each quarter. Nelson.

11, 12, 13f-p. French Horn. Autumn, Winter, Spring. One hour credit each quarter. Sauer.

1, 2, 3o-p. Oboe. Autumn, Winter, Spring. One hour credit each quarter. Sauer.

11, 12, 13o-p. Organ. Autumn, Winter, Spring. One hour credit each quarter. De Jong, Keeler.

1, 2, 3; 4, 5, 6s-p. Saxophone. Autumn, Winter, Spring. One hour credit each quarter. Sauer.

11, 12, 13s-p. String Bass. Autumn, Winter, Spring. One hour credit each quarter. Sauer, Buggert.

1, 2, 3; 4, 5, 6t-p. Trombone. Autumn, Winter, Spring. One hour credit each quarter. Sauer.

11, 12, 13v-p. Viola. Autumn, Winter, Spring. One hour credit each quarter. Robertson, Olsen.

21, 22, 23; 24, 25, 26v-p. Violoncello. Autumn, Winter, Spring. One hour credit each quarter. Buggert.

Upper Division Courses

51, 52, 53; 54, 55, 56. Concert Band. Autumn, Winter, Spring. Daily. One hour credit each quarter. Sauer.

Admission by consent of the director. Standard overtures, operatic selections, and miscellaneous military band music.

57, 58, 59; 60, 61, 62. Symphony Orchestra. Autumn, Winter, Spring. Daily. One hour credit each quarter. Robertson.

Admission by consent of director. Study of selections, overtures, symphonies, and accompaniments.

51, 52, 53; 54, 55, 56p-p. Piano. Autumn, Winter, Spring. One hour credit each quarter. Nelson, Hanson, Fitzroy, Keeler.

63, 64, 65; 66, 67, 68. String Ensemble. Autumn, Winter, Spring. Three times each week. One hour credit each quarter. Buggert.

69, 70, 71; 72, 73, 74. Band Ensemble. Autumn, Winter, Spring. M. W. F. One hour credit each quarter. Sauer.

51, 52, 53; 54, 55, 56v-p. Violin. Autumn, Winter, Spring. One hour credit each quarter. Robertson, Olsen.

51, 52, 53; 54, 55, 56c-p. Cornet. Autumn, Winter, Spring. One hour credit each quarter. Sauer.

61, 62, 63; 64, 65, 66c-p. Clarinet. Autumn, Winter, Spring. One hour credit each quarter. Sauer.

61, 62, 63; 64, 65, 66o-p. Organ. Autumn, Winter, Spring. De Jong, Keeler.

61, 62, 63, 64, 65, 66s-p. String Bass. Autumn, Winter, Spring. One hour credit each quarter. Sauer, Buggert.

63p-p. Pedagogy. Spring. One hour credit. Nelson.

Prerequisite: 10p-p. Methods and problems of piano teaching in the higher grades.

51, 52, 53t-p. Trombone. Autumn, Winter, Spring. One hour credit each quarter. Sauer.

71, 72, 73; 74, 75, 76v-p. Violoncello. Autumn, Winter, Spring. One hour credit each quarter. Buggert.

Graduate Courses

101, 102, 103-p. Instrumental. Autumn, Winter, Spring. One hour credit each quarter.

Advanced instruction on any of the standard instruments.

VOCAL MUSIC

Lower Division Courses

- 1, 2, 3; 4, 5, 6-p. **Vocal Culture.** Private or in groups. Autumn, Winter, Spring. One hour credit each quarter. Jepperson-Madsen, Madsen, Summerhays, Halliday, Packard.
- 13, 14, 15; 16, 17, 18. **Ladies Glee Club.** Autumn, Winter, Spring. One hour credit each quarter. Jepperson-Madsen.
Open to inexperienced singers. This course also provides participation in Mixed Chorus.
- 13, 14, 15; 16, 17, 18. **Male Glee Club.** Autumn, Winter, Spring. One hour credit each quarter. Madsen.
Open to inexperienced singers. This course also provides participation in Mixed Chorus.
- 21, 22, 23. **Concert and Opera Chorus.** Autumn, Winter, Spring. One hour credit each quarter. Jepperson-Madsen, Madsen.
Admission by consent of director.
42. **Phonetics.** Autumn. T. Th., 1:30. Two hours credit. De Jong. (See Phonetics 42 in Department of Modern and Classical Languages.)

Upper Division Courses

- 51, 52, 53; 54, 55, 56-p. **Vocal Culture.** Autumn, Winter, Spring. One hour credit each quarter. Jepperson-Madsen, Madsen, Summerhays, Halliday, Packard.
- 63, 64, 65; 66, 67, 68. **Ladies Glee Club.** Autumn, Winter, Spring. One hour credit each quarter. Jepperson-Madsen.
Admission by consent of director. Participation in Mixed Chorus work is also provided in this course.
- 63, 64, 65; 66, 67, 68. **Male Glee Club.** Autumn, Winter, Spring. One hour credit each quarter. Madsen.
Admission by consent of director. Participation in Mixed Chorus work is also provided in this course.
- 71, 72, 73. **Concert and Opera Chorus.** Autumn, Winter, Spring. One hour credit each quarter. Jepperson-Madsen, Madsen.
Admission by consent of directors.

Graduate Courses

- 111, 112, 113-p. **Vocal Culture.** Autumn, Winter, Spring. One hour credit each quarter.
Advanced instruction in vocal culture.

PHYSICAL EDUCATION

Associate Professors Hart, Jeppson; Dr. Cullimore. Dr. Oaks; Assistant Professor Kimball; Mr. Dixon, Mrs. Aline Coleman Smith, Miss Ballif, Mr. Millet.

The purpose of the department is primarily to conserve the health and vitality of the students, to establish correct motor habits and to educate for wholesome and efficient living. To offset the undesirable effects of sedentary school life, vigorous activity in the form of games, gymnastics and competitive athletics are offered. Instruction is given in personal hygiene in connection with the exercise period so that the students may have a theoretical basis as a guide to correct living.

A thorough physical and medical examination will be given each new student upon entering the institution. All freshmen are required to take one credit hour of physical education of the physical activity variety in each of the three quarters. Also all students are required to take Physical Education 1 during their freshman year.

Upper classmen who are not taking physical education for credit are urged to engage in some form of physical exercise. Abundant opportunity is offered for participation in games, sports, hikes, gymnastics, athletics, and dancing.

All students whether enrolled in regular classes in physical education or on regular athletic squads are invited and urged to use the physical training and athletic facilities of the institution whenever they are available.

Students using the towel service are required to make a 25 cent deposit by purchasing a towel check. The towel check is exchangeable for towel service during regular school hours. Towel checks are redeemable at any time.

Students registered for physical education activity courses are required to provide themselves with the official uniform which may be purchased at the University book store. Also they are required to provide themselves with basket locker and approved combination padlock.

An extensive program of intramural sports for both men and women is sponsored and supervised by the department.

Students interested in intercollegiate athletic competition in any form will be given opportunity to try out for the athletic teams representing the University and in case they display sufficient ability to be chosen as members of these teams, they may substitute this work for the required activity courses in physical education. An activity may be thus substituted but once.

The department also offers professional courses which are designed to prepare teachers and directors in physical education, directors of athletics, supervisors of dancing and leaders in play and other forms of social and recreational activities.

Students interested in play and recreation are referred to the following courses: Physical Education 7, 8, 9, 14, 15, 17, 18,

19, 21, 22, 24, 25, 26, 31, 42, 54, 71, 72, 73, 77, 78, 79, and Religious Education 74.

Students interested in health education work are referred to Physical Education 1 (Personal Hygiene); 91 (General Kinesiology); 95 (First Aid in Athletic Training); Zoology 58 (Health Education for Teachers); Zoology 65 (Human Physiology); Foods and Nutrition 5 (Elementary Nutrition); Foods and Nutrition 53, 54, 55 (Nutrition, Dietetics, and Nutrition in Disease).

Major and Minor Requirements in Physical Education

Both men and women students majoring or minoring in Physical Education are required to take the following foundational courses:

Chemistry 1 or 4, Zoology 11 and 65, Psychology 11, 51, or 74, Bacteriology 21, Sociology 11 or 61, Physics 11, and for those who wish to qualify for a teacher's certificate such courses in secondary education as will satisfy the State Board of Education.

In addition to the foregoing the following courses in the department of Physical Education are required:

In the Men's Department:

Major requirements:

- Physical Education 7, 8, 9.
- Physical Education 51, 52, 53.
- Physical Education 71 or 72 or 73.
- Physical Education 88, 90, 91, 92.
- Physical Education 93, 94, 95, 96.

Minor requirements:

- Physical Education 7, 8, 9.
- Physical Education 51 or 52 or 53.
- Physical Education 71 or 72 or 73.
- Physical Education 90, 91, 92, 93, 96.

In the Women's Department:

Major requirements:

- Physical Education 7, 8, 9.
- Physical Education 54 or 55, 56.
- Physical Education 61, 62 or 63, 65.
- Physical Education 71 or 72 or 73.
- Physical Education 81 or 82 or 83.
- Physical Education 90, 91, 92.
- Physical Education 93, 95, 96.

Minor requirements:

- Physical Education 7, 8, 9.

Physical Education 41, 42.

Physical Education 54 or 55.

Physical Education 61, 73, 81.

Physical Education 90, 91, 93.

Lower Division Courses

1. **Personal Hygiene.** Autumn, Winter or Spring. T. Th., 1:30. One hour credit. Cullimore, Oaks, Merrill.

This course is required of all freshmen students. The course is designed to present in a popular manner problems concerning personal hygiene and proper health habits.

- 4, 5, 6. **Elementary Physical Education.** Autumn, Winter, Spring. M. W. F. One hour credit each quarter. Women's sections at 10:30, 2:30. Men's sections 9:30, (Tumbling) 10:30; 1:30 (Boxing); 2:30; 3:30.

These courses are designed for freshmen. It will include games, and a variety of athletic and gymnastic activities. These courses are required of all freshmen.

- 7, 8, 9. **Advanced Physical Education.** Autumn, Winter, Spring. One hour credit each term. For men and women. Men's section. T. Th., 9:30 to 11:30. Four hours per week. Hart and Millet. Women's section. T. Th., 4:30 to 6:00. Jeppson.

This course will embrace instruction in more advanced types of physical education activities including gymnastics, apparatus activity, tumbling, pyramids, stunts, marching tactics and games. Prerequisite: Freshman physical education.

14. **Archery.** Autumn. M. W. F., 8:30. One hour credit. For men and women. Ballif.

Emphasis will be placed on the following: Equipment, technique, and methods.

15. **Tumbling.** Autumn, Winter, Spring. M. W. F., 9:30. One hour credit. For men. Millet.

15. **Tumbling, Pyramid Building, and Stunts.** Winter. M. W. F., 8:30. One hour credit. For women. Ballif.

Emphasis will be placed on the selection and care of equipment, technique of tumbling, balancing, pyramiding and demonstration programs.

16. **Track and Field for Women.** Spring. M. W. F. One hour credit, 2:30. Jeppson.

17. **Boxing.** Autumn, Winter, Spring. M. W. F., 1:30. One hour credit. Staff.

This course will consist of the theory and practice of boxing.

18. **Wrestling.** Fall, Winter. M. W. F., 3:30. One hour credit. Millet.

This course will consist of the theory and practice of wrestling.

19. **Tennis.** (Men and Women.) Spring. M. W. F., Sec. 1, 7:30; Sec. 2, 9:30. One hour credit. Dixon.

This course will consist of the theory and practice of tennis. Limited to 48 students per class. Upper classmen given preference.

20. **Golf.** (Men and Women.) Spring. M. W. F., 3:30. One hour credit. Provo Municipal Golf Course. Time to be arranged.

This course will consist of the theory and practice of golf under the personal supervision of professional instruction. A special fee is charged for this course. Students will be required to furnish their own equipment.

- 21, 22. **Developmental Activities for Elementary Teachers.** Winter, Spring. M. W. F., 3:30. One hour credit each quarter. Jeppson. Especially designed for those preparing to teach in the elementary grades.

Emphasis will be given to Danish gymnastics, games, folk dancing, and rhythmical expressions.

23. **Basketball for Women.** Winter. M. W. F., 1:30. Jeppson. A general course in basketball for women.

24. **Fencing.** Spring, 4:30. Three periods each week. One hour credit. Open to both men and women. (Not given this year.)

25. **Social Dancing.** Autumn, Winter. T. Th., 5:30 to 7:00. One hour credit. Open to Freshmen and Sophomore men and women only. (Credit in this course does not substitute for the Freshman gymnasium requirement.) Jeppson.

- 26, 27, 28. **Elementary Clog and Tap Dancing.** Autumn, Winter, Spring. T. Th., 9:30. One hour credit. Jeppson. Open to men and women.

Suggested for women majoring or minoring in Physical Education.

- 31, 32, 33. **Elementary Creative Dancing.** Autumn, Winter, Spring. T. Th., 2:30. One hour credit each quarter. Smith.

Suggested for women majoring or minoring in Physical Education. This course will offer instruction in the fundamentals of grace and rhythm.

41. **Rhythms, Character and National Dancing.** Autumn. M. W. F., 3:30. One hour credit. Smith. Open to men and women.

Suggested for women majoring or minoring in Physical Education.

Fundamental rhythms, various character and national dances.

42. Folk Dancing and Country Dances. Winter. T. Th., 1:30. One hour credit. Jeppson, Smith. Open to men and women. This course will offer instruction in the various folk dances and country dances: Virginia Reel, Boston Fancy, etc.

Upper Division Courses

51. Athletic Coaching and Directing—Football. Autumn. Three periods each week. 10:30. Three hours credit. Kimball.

This course is designed to prepare students for the coaching of football. It will deal with the fundamentals of the game, methods of working out plays, systems of offense and defense, the conditioning of teams, etc.

52. Athletic Coaching and Directing—Basketball. Winter. Three periods each week. 10:30. Three hours credit. Kimball, Dixon.

This course is designed to prepare for the coaching of basketball. Students will be thoroughly instructed in fundamentals, offensive and defensive systems, schedule making, etc.

53. Athletic Coaching and Directing—Track and Field. Spring. Three periods a week. 10:30. Three hours credit. Hart, Millet.

This course will deal with the technique of track and field athletics and with the management of meets.

54. Athletic Coaching and Directing—Soccer, Field Hockey, Speedball and High-Low Ball. Autumn. M. W. F., 4:30. Two hours credit. Jeppson.

This course is designed to prepare students for coaching these activities. It will deal with methods, conducting of tournaments, and officiating.

55. Athletic Coaching and Directing—Basketball, Volley Ball, Field Ball. Winter. M. W. F., 4:30. Two hours credit. Jeppson.

This course is designed to prepare students for coaching these activities. It will deal with methods, conducting of tournaments and officiating.

56. Athletic Coaching and Directing—Track and Field, Baseball, Badminton. Spring. M. W. F., 4:30. Two hours credit. Jeppson.

This course is designed to prepare students for coaching these activities. It will deal with fundamentals, methods of conducting meets, games and tournaments, and officiating.

- 61, 62, 63. **Advanced Creative Dancing.** Autumn, Winter, Spring. T. Th., 8:30. One hour credit each quarter. Smith.

This course will offer instruction in fundamental dance technique, music visualization and principles of composition.

64. **Material Summary (Dancing).** Winter. T. Th., 5:30. One hour credit. Jeppson and Smith. Prerequisites: 41, 42, 61, 62, 81.

65. **Problems of the Dance in Physical Education.** Spring. T. Th., 7:30 a.m. Two hours credit. Smith.

Problems of the public performance, planning the program, organization, lighting, costumes, etc.

71. **Theory of Organized Play.** Autumn. M. W. F., 8:30. Three hours credit Jeppson.

The theory of organized play, including community centers, special activities, home recreations; play facilities such as layout of athletic fields, buildings, swimming pools; equipping the grounds and centers.

72. **Organization and Administration of Play and Recreation.** Winter. M. W. F., 8:30. Three hours credit. Jeppson.

The executive and administrative problems arising out of the conducting of a community-wide recreation program. Emphasis on park recreation problems, recreational finance, publicity problems, etc.

73. **Play and Game Supervision.** Spring. M. W. F., 8:30. Three hours credit. Jeppson.

A continuation of course 72.

77. **Recreational Technics.** Autumn. M. W. F., 10:30. Three hours credit. Jeppson, Hart, Hayward, H. R. Merrill.

Nature Contacting and Nature Crafts: Emphasis will be placed on nature lore, Indian lore, camps, hikes, outings, nature guiding.

Recreative Arts of Line, Color, Form and Perspective: Painting, sculpture, plastic and photographic arts.

Recreative Drama: Dramatic emphasis to pageants, festivals, processions, pantomimes, and tableaux, dramatized poems, dramatized stories, dramatized costume parties, shadow-graphs, and puppetry.

78. **Recreational Technics.** Winter. M. W. F., 10:30. Three hours credit. Jeppson, Hart,

Recreative Music: Music for the joy of self-expression through sound creation, bands, orchestras, chorals, harmonica bands, folk music.

Scientific Experimentation Hobbies: Astronomical, botanical, electrical, chemical, aeronautical, and radio.

Publicity and Public Relationships.

79. **Recreational Technics.** Spring. M. W. F., 10:30. Three hours credit. Jeppson, Hart, Pardoe, Larsen.

Stage Crafts and Play Production.

Handicraft Arts: Work in wood, metal, textiles, paper, leather and reed raffa, bead and wire work.

Linguistic Arts: Debates, forums, essay writing, topical writing, play writing, linguistic arts, memory contests of familiar literary expressions, etc.

- 81, 82, 83. **Advanced Clog and Tap Dancing.** Autumn, Winter, Spring. T. Th., 10:30. One hour credit each term. Jeppson.

81 and 82 will include a study of the various phases of tap dancing, fundamental steps, routines in order of difficulty, buck, jig, waltz, soft shoe, etc.; 83 will emphasize creative work by students.

88. **Physiology of Activity.** Spring. M. W. F., 2:30. Three hours credit. Kimball. Prerequisites: Zoology 11 and 65.

90. **Principles of Physical Education.** Winter. M. W. F., 1:30. Three hours credit. Kimball.

This course deals with underlying principles of physical education. Prerequisite: Zoology 65.

91. **General Kinesiology.** Autumn. M. W. F., 8:30. Three hours credit. Dixon.

The anatomy of the human body with emphasis upon the study of bones, joints, and the skeletal muscles. Athletic exercises will be studied with reference to their effect upon the body. Prerequisite: Zoology 65.

92. **Methods of Teaching Physical Education.** Autumn. T. Th., 8:30. Two hours credit. Hart.

A study of various systems and methods of teaching physical education; content of the program in physical education, methods of commanding, directing, etc. Prerequisites: Physical Education 90, 91.

93. **Physical Education Administration.** Spring. M. W. F., 1:30. Three hours credit. Jeppson.

Organization and administration of departments of physical education and athletics in high school and college and the proper balancing of various activities associated with

these departments. Prerequisites: Physical Education 72, 90, 92.

94. Introduction to Achievement Tests in Physical Education.

Winter. M. W. F., 9:30. Three hours credit. Hart.

This course reviews the history of tests in physical education and also gives much consideration to the essential procedures used in evaluating tests and their results.

95. First Aid in Athletic Training. Autumn. M. W. F., 1:30.

Two hours credit. Hart.

This course will consider the principles of first aid treatment of athletic injuries, massage, physiotherapy, bandaging and the essentials of conditioning athletes.

Those successfully completing the course will be given the official American Red Cross Standard First Aid Course Certificate.

96. Adaptation of Activities in Corrective Procedure. Spring.

M. W. F., 9:30. Three hours credit. Open to both men and women. Hart.

The variation of posture, the mechanics of balancing of the forces in the body, psychology of individual gymnastics, methods of stimulating interest in posture, and the selection and scope of corrective activities. Prerequisites: Zoology 65, Physical Education 91.

Graduate Courses

165. Problems in the Dance in Physical Education. Spring. T. Th., 7:30 a. m. Smith. Two hours credit.

171. Theory of Organized Play. Autumn. M. W. F., 8:30. Three hours credit. Jeppson.

172. Organization and Administration of Play and Recreation. Winter. M. W. F., 8:30. Three hours credit. Jeppson.

173. Play and Game Supervision. Spring. M. W. F., 8:30. Three hours credit. Jeppson.

188. Physiology of Activity. Spring. M. W. F., 2:30. Three hours credit. Kimball. Prerequisites: Zoology 11 and 65.

190. Principles of Physical Education. Winter. M. W. F., 8:30. Three hours credit. Kimball. Prerequisites: Psychology 11 and Zoology 11 and 65.

193. Physical Education Administration... Spring. M. W. F., 1:30. Three hours credit. Jeppson.

194. Introduction to Achievement Tests in Physical Education. Winter. M. W. F., 9:30. Three hours credit. Hart.

196. **Adaptation of Activities in Corrective Procedure.** Spring. M. W. F., 9:30. Three hours credit. Open to both men and women. Hart. Prerequisites: Psychology 11, Zoology 65, Physical Education 91.
198. **Research in Physical Education.** Time and credit to be arranged. Jeppson and Hart.
200. **The Master's Thesis in Physical Education.** Credit by arrangement.

PHYSICS

Professors Eyring, Marshall; Associate Professor Hales.

Students who expect to study Medicine, Engineering, Chemistry, or who are planning to major in the Department of Physics should begin their study of Physics by electing courses 41, 42 and 43.

Non-science students may elect with profit courses 11, 16 and 26, which may be taken without prerequisite and which are organized with the view of giving the student an appreciation of his physical environment.

Students majoring in Physics have the following courses prescribed: Physics 41, 42, 43, 85, 90, 91, 92, and some sequence such as Physics 72, 73, 74, 75, 81, 83, or 55, 66, 67, 81, 83, or 55, 66, 67, 72, 73, 74, 75. In addition course 99 should be elected by students who plan to be high school teachers.

Lower Division Courses

11. **A Survey Course in Physics.** Autumn and Winter. M. T. W. Th., 10:30. Four hours credit. Eyring.

This is an orientation course designed for the non-science student who seeks information concerning the scientific interpretation of his physical environment.

16. **Descriptive Astronomy.** Spring. M. T. W. Th., 10:30. Four hours credit. Hales.

This course is designed for those wishing a general knowledge of the facts, theories, and methods of astronomy. Frequent use will be made of the University Observatory on University Hill.

26. **Photography.** Spring. Lecture, M. W. F., 7:30. Laboratory time to be arranged. Four hours credit. Hales. (See Journalism 26.)

Lectures on the theory and art of photography; laboratory exercises in photographic manipulation, determination of the characteristics of photographic materials, color, sensitivity, etc.

41. **General Physics. Mechanics and Sound.** Autumn. Lecture, M. W. F., 1:30. Laboratory, T. and Th., 1:30-3:30. Five hours credit. Hales.

Courses 41, 42 and 43 constitute a general college course in physics. This general course will satisfy the requirements in physics for engineering and medical students, and it is a prerequisite for all the specialized courses in physics.

42. **Electricity.** Winter. Lecture, M. W. F., 1:30. Laboratory, T. and Th., 1:30 to 3:30. Five hours credit. Hales.

Continuation of 41.

43. **Heat and Light.** Spring. Lecture, M. W. F., 1:30. Laboratory, 1:30 to 3:30. Five hours credit.

Continuation of 42.

Upper Division Courses

55. **Atomic Physics.** Autumn. Lecture, M. T. Th. Fri., 8:30. Laboratory W., 8:30. Five hours credit. Hales. (Not given this year.)

A study of the structure of the atom as revealed by X-rays, radio activity, spectroscopy, and related subjects.

- 66, 67. **Electricity and Magnetism.** Winter, Spring. Lecture, T. Th. Fri., 2:30. Laboratory M. W., 2:30. Five hours credit each quarter. Marshall. (Not given this year.)

A study of electronics, the vacuum tube, and D. C. and A. C. circuit theory and measurements.

72. **Physics of the Air.** Autumn. Lecture M. T. Th. Fri., 8:30. Laboratory W. Five hours credit. Hales.

The physics of the earth's atmosphere; a study of the causes which produce variations in the pressure, temperature, and humidity of the air and their influence upon weather and climate.

73. **Synoptic Meteorology.** Winter. Lecture M. T. Th. Fri., 8:30. Laboratory W. Five hours credit. Hales.

A continuation of Course 72 with special emphasis placed upon the Norwegian Polar front theory of weather analysis. Daily weather maps, including all frontal data, atmospheric cross sections, and various thermodynamic charts, will be constructed as part of the laboratory work.

74. **Sound.** Winter. Lecture. M. T. Th. Fri., 9:30. Laboratory W. Five hours credit. Eyring.

Speech, hearing, sound transmission and radiation, and acoustics of auditoriums.

75. **Experimental Optics.** Spring. Lecture, M. W. F., 8:30. Lab-

oratory: Time to be arranged. Five hours credit. Marshall.

During the first part of the course experiments outlined in Taylor's Manual of Optics will be performed, and during the last special work in the echelon and concave grating will be given.

76. **Advanced Photography.** Spring. Lecture, W., 7:30. Laboratory, time to be arranged. Two hours credit. Hales.

A laboratory course in the more advanced photographic principles including sensitometry, physical development, toning, natural color printing, and so forth. Prerequisites: Physics 26 and Physics 41, 42, 43 or Chemistry 4, 5, 6.

81. **Mechanics.** Winter. Daily, 10:30. Five hours credit. Marshall.

Fundamental principles of mechanics and their application to physical problems. Prerequisites: Calculus and Physics 41, 42, 43.

83. **Thermodynamics.** Spring. Daily, 10:30. Five hours credit. Marshall.

A study of the laws of thermodynamics and their application to numerous physical and chemical phenomena.

85. **Advanced Physical Measurements.** Autumn, Winter or Spring. Time to be arranged. One to three hours credit. Eyring, Marshall, and Hales.

Precision measurements involving special laboratory techniques and the solution of some simple research problem. Required of all majors in physics in Senior year.

87. **Laboratory Arts.** Autumn. T. Th., 3:30-6:30. Two hours credit. Marshall and Hales.

Processes connected with the construction and use of apparatus in physical laboratory.

- 90, 91, 92. **Seminar.** Autumn, Winter, Spring. One hour credit each quarter. Time to be arranged. Eyring, Marshall, Hales.

A survey of physical theories and topics in modern research. A course for seniors in which the student is aided to integrate the specialized courses.

95. **Readings in Modern Physics.** Credit 1 to 3 hours, depending on the work done. Eyring, Marshall, or Hales.

A reading course designed to acquaint the student with new material which may not have been included in the regular courses.

99. **Teaching of Physics.** Autumn. M. W., 3:30. Two hours credit.

Graduate Courses

101, 102, 103. Introduction to Modern Physics. Autumn, Winter, Spring. Daily, 8:30. Five hours credit each quarter. Eyring or Marshall.

A study of modern physics, including such topics as quantum theory, spectroscopy, and atomic structure, etc.

105, 106, 107. Introduction to Theoretical Physics. Autumn, Winter, Spring. Daily, 10:30. Five hours credit each quarter. Hales.

An introductory study of the mathematical basis and development of the fundamental laws and theories of physics.

110, 111, 112. Classical Experiments. Each course two hours credit. Eyring, Marshall, Hales.

190, 191, 192. Seminar. Autumn, Winter, Spring. Time to be arranged. One hour credit each quarter. Eyring, Marshall, Hales.

195. Readings in Modern Physics. Credit, one to three hours, depending upon amount of work done. Eyring, Marshall and Hales.

200. Thesis in Physics. Credit to be arranged.

POLITICAL SCIENCE

Professor Jensen; Mr. Wilson.

Requirements for a Major in Political Science: Students must present a minimum of fifteen hours of upper division credit in Political Science. The upper division courses selected must be approved by the major professor at the time of registration.

Lower Division Courses

1. A Survey Course in Political Science. Autumn. Daily, 10:30. Five hours credit. Wilson.

A comparative study of the origin and development of government, its forms and organization, problems of administration and popular control, international relations and world politics.

10. National Government of the United States. Winter. M. W. F., 10:30. Three hours credit. Jensen.

The historical development of the American Government; origin and growth of the Constitution; constitutional rights of the citizens; a detailed study of the executive, legislative, and judicial departments of the national government.

11. **State and Local Government in the United States.** Spring. M. W. F., 10:30. Three hours credit. Jensen.

The nature of federal government; the evolution of states from territories; place of the states in the nation; a study of the executive, legislative, and judicial branches of state government.

21. **Problems of Citizenship.** Autumn. T. Th., 9:30. Two hours credit. (Not given this year.)

A study of fundamental, political, social, economic, and international problems which make for intelligent citizenship.

43. **Commercial Law.** Autumn. M. T. W. Th., 8:30. Four hours credit. Jensen. (See Finance and Banking 43.)

Fundamental legal principles and institutions; the formation, operation and effect, and performance of contracts; the law governing the acquisition and transfer of title to real and personal property.

44. **Commercial Law.** Winter. M. T. W. Th., 8:30. Four hours credit. Jensen. (See Finance and Banking 44.)

A study of law governing Negotiable Instruments, rights and liabilities of parties thereto; also a study of the law governing sales of personal property as distinguished from gifts, barter and bailments.

45. **Commercial Law.** Spring. M. T. W. Th., 8:30. Four hours credit. Jensen. (See Finance and Banking 45.)

A study of the law governing relationships arising out of business associations; Agency, Partnerships and Corporations will be studied by an examination of the leading cases decided by the courts.

Upper Division Courses

50. **Principles of Political Science.** Spring. M. W. F., 10:30. Three hours credit. (Not given this year.)

A systematic study of the principles of political science; the scope and methods of political theory; the origin, basis and nature of the state; sovereignty; the structure and province of government; citizenship and nationality.

51. **European Political Philosophy.** Spring. M. W. F., 10:30. Three hours credit. Wilson.

A survey of political thought from the time of the ancients to the present with emphasis given to English political theory.

53. **History of American Political Thought.** T. Th., 9:30. Two hours credit. Jensen. (Not given this year.)

A study and interpretation of American political ideas from the colonial period to the present with an examination of their influence in the development of American history and government.

63. **Municipal Government.** Spring. M. W. F., 9:30. Three hours credit. Jensen.

A study of municipal growth and development in the United States and in some of the principal European countries. Attention is given to municipal structure, organization, and administration.

73. **Comparative European Governments.** Autumn. M. W. F., 9:30. Three hours credit. Jensen. (Not given this year.)

A study of the organization and operation of the governments of England, France, Italy, Germany, and Russia. Attention is also given to some of the new European governments.

77. **Political Parties and Party Government.** M. W. F., 9:30. Three hours credit. Jensen. (Not given this year.)

A study of the organization and methods of action of political parties in the United States; the development of the party system; the party system in leading European countries.

80. **International Law.** Winter. M. W. F., 9:30. Three hours credit. Jensen.

A study of the sources, principles, and sanctions of international law; the law of peace, war, and neutrality. Problems growing out of the World War and the resulting modifications of international law.

82. **History of American Foreign Policy.** Spring. M. W. F., 9:30. Three hours credit. Jensen. (Not given this year.)

This course traces the history of American foreign relations from the colonial period to the present. Attention is given to the principal issues of diplomatic controversy and settlement.

83. **International Relations.** Winter. M. W. F., 9:30. Three hours credit. Jensen. (Not given this year.)

A study of the major contemporaneous problems and developments in the field of international relations.

85. **International Organization and Government.** Spring. T. Th., 9:30. Two hours credit. Jensen. (Not given this year.)

The rise and development of international government;

diplomatic intercourse of states; international executive, administrative, legislative and judicial functions, agencies of international intercourse and cooperation.

90. **The Constitution of the United States.** Spring. T. Th., 9:30. Two hours credit. Jensen. (Not given this year.)

A course dealing with the history and development of the Constitution of the United States, a study of its fundamental provisions, their interpretation, and their application in the functioning of the American system of government.

95. **Constitutional Law of United States...** Autumn. Daily, 9:30. Five hours credit. Jensen.

Jurisdiction of federal courts, citizenship, naturalization, suffrage, personal liberty, protection to persons accused of crime, due process and equal protection of the laws, police power, eminent domain, taxation, regulation of commerce, impairment of obligation of contracts, etc. A standard book of cases will be used.

Graduate Courses

- 150. **Principles and Problems of Political Science.**
- 151. **European Political Philosophy.**
- 153. **American Political Theories.**
- 163. **Municipal Problems.**
- 174. **English Government and Politics.**
- 175. **The British Commonwealth of Nations.**
- 177. **Political Party Systems in the United States and in European Countries.**
- 180. **International Law as Administered by the Courts.**
- 181. **The Conduct of American Foreign Relations.**
- 182. **History and Problems of American Foreign Policy.**
- 183. **International Relations and World Politics.**
- 195. **Constitutional Law of the United States.**
- 198. **Research in Political Science.**
- 200. **Research for Master's Thesis.**

PSYCHOLOGY

Professor Poulson; Assistant Professor Dusenberry; Mr. Gibb.

Suggestions as to Courses. Psychology 11 is the standard foundation course which is usually made a prerequisite to all other courses in university departments of psychology. The courses especially recommended to follow it are:

General Cultural Interests: Psychology 64, 65, 70, 71, 72, 79, 103 and 104.

Home-making Interests: Psychology 70, 71, 72 and 79.

Business Interests: Psychology 25, 64, 65, 70 and 75.

Educational Interests: Psychology 65, 70, 71, 72, 74, 75, 76 and 79. For fulfilling State Board requirements, Psychology 51 is intended for prospective elementary school teachers and Psychology 74 for junior and senior high school teachers. Other courses in this department may be used as electives for state certification.

Psychology Major: Credit must include Experimental Psychology and not less than nine quarter hours selected from Psychology 70, 75, 76, 79, 101, 102, 103, 104, and seminar courses in Psychology. Prospective "school psychologists" should aim to meet the major requirements as nearly as possible.

Lower Division Courses

11. **General Psychology.** Autumn, Daily, 10:30. Winter, Daily, 9:30. Spring, Daily, 10:30. Five hours credit. Poulson and Gibb.

An introductory study of mental activity covering in a general way the whole field of modern psychology. Approximately one-fifth of the course will consist of simple laboratory experiments.

25. **Psychology of Effective Study.** Autumn, T., 9:30. Winter, T., 10:30. Spring, T., 8:30. One hour credit. Poulson.

A simple course in applied psychology designed especially to help freshmen who desire to improve their habits of study.

Upper Division Courses

51. **Educational Psychology.** Autumn. Section 1, M. W. F., 9:30; Section 2, M. W. F., 10:30. Winter, M. W. F., 9:30. Spring, M. W. F., 10:30. Three hours credit each quarter. Dusenberry and Gibb.

This course deals with economy and technique of learning, individual differences, mental efficiency, native equipment, habit formation, emotions, and reasoning, and other applications of psychology in teaching and daily life.

64. **Applied Psychology.** Spring. M. W. Th. F., 8:30. Four hours credit. Poulson.

Survey of the applications of scientific psychology in advertising, personal selling, industry, medicine, law, music, speech, writing, art, and athletics. Each student will stress his major interests. Prerequisite: Psychology 11.

65. **Experimental Psychology.** Winter or Spring. Lecture, Th., 2:30. Laboratory M. W. F., 3:30-5:30 or equivalent number of hours to be arranged. Three hours credit. Poulson and Gibb.

Selected readings and laboratory work in experimental psychology to show how scientific technique is applied in the study of mental activity. Presentation of data in tabular and graphic form. Prerequisite: The consent of the instructor.

70. **Social Psychology.** Autumn. M. W. F., 8:30. Three hours credit. Poulson.

A study of mental life as conditioned by the social environment. Nature and development of personality. Educational implications of social psychology. Prerequisite: Psychology 11 or its equivalent.

71. **Mental Hygiene.** Autumn. T. Th., 8:30. Two hours credit. Poulson.

An introductory course in mental health and personality problems intended for the typical college student. Applications in educational and remedial social work will be indicated. (See Household Administration 79.) Prerequisite: Psychology 11.

72. **Psychology of Childhood and Adolescence.** Winter. T. Th., 8:30. Two hours credit. Poulson.

Psychological description of the individual's development from birth to maturity, and theories of mental growth. Practical implications for parents, teachers and social workers. (See Household Administration 78.) Prerequisite: Psychology 11 or equivalent.

74. **Advanced Educational Psychology.** Winter. M. W. Th. F., 10:30. Spring. M. W. Th. F., 9:30. Four hours credit. Poulson.

A brief consideration of certain important phases of the psychology of secondary education. The laws of economical learning, individual differences, and the psychology of school subjects. Prerequisite: Psychology 11.

75. **Psychological Tests.** Autumn. M. W. F., 9:30. Three hours credit. Gibb.

History, theory and use of different kinds of psychological tests and scales. Scientific interpretation and application of test results. Prerequisite: Psychology 11.

76. **Mental Test Practice.** Autumn. Th., 9:30, and five other hours per week to be arranged. Two hours credit. Gibb.

Supervised training in the actual administration of psy-

chological tests with emphasis upon Forms L and M of the new revised Stanford-Binet tests of intelligence. Prerequisite: Consent of the instructor.

79. **Abnormal Psychology.** Winter. M. W. F., 8:30. Three hours credit. Poulson.

A consideration of the psychology of abnormal people with emphasis upon the light thrown on normal psychology and important educational applications. Prerequisite: Psychology 11.

93. **Psychology of Religion.** Autumn. M. W. F., 9:30. Three hours credit. Poulson.

An advanced consideration of important results of the psychological study of religion as a basis for the interpretation of its meanings in personal and social life. Prerequisite: Psychology 11, and 70 or 72 or 79.

Graduate Courses

- 101, 102. **Advanced General Psychology.** Autumn and Winter. M. W. F., 10:30. Three hours credit each quarter. Poulson. (Alternates yearly with Psychology 103 and 104.) (Not given this year.)

A careful reconsideration of the general field of modern scientific psychology, and a thorough examination of various difficult topics. Prerequisites: Psychology, 11 and 65 or equivalent.

103. **History of Psychology.** Autumn. M. W. F., 2:30. Three hours credit. Poulson. Prerequisites: Psychology 11 and 65 or equivalent. (Alternates yearly with Psychology 101).

A consideration of the historical background of present-day psychology with special emphasis upon the developments of the last hundred years. Prerequisites: Psychology 11 and 65 or equivalent.

104. **Contemporary Schools of Psychology.** Spring. M. W. F., 2:30. Three hours credit. Poulson. Prerequisites: Psychology 11 and 65 or equivalent. (Alternates yearly with Psychology 102).

A critical and comparative study of such contemporary systems and movements as structuralism, functionalism, behaviorism, Gestalt psychology and psychoanalysis. Prerequisites: Psychology 11 and 65 or the equivalent.

165. **Advanced Experimental Psychology.** Winter or Spring. Lecture. Th., 2:30. Laboratory M. W. F., 3:30-5:30 or

equivalent number of hours to be arranged. Three hours credit. Poulson and Gibb.

170. **Social Psychology.** Autumn. M. W. F., 8:30. Three hours credit. Poulson.
172. **Psychology of Childhood and Adolescence.** Winter. T. Th., 8:30. Two hours credit. Poulson.
174. **Advanced Educational Psychology.** Winter. M. W. Th. F., 10:30. Spring. M. W. Th. F., 9:30. Four hours credit. Poulson. Prerequisite: Psychology 11.
179. **Abnormal Psychology.** Winter. M. W. F., 8:30. Three hours credit. Poulson.
- 182, 183, 184. **Seminar in Psychology.** Autumn, Winter or Spring. Time to be arranged. One or two hours credit each quarter. Poulson.

Recent and current literature in theoretical and experimental psychology will be reviewed. Prerequisite: Consent of the instructor.

193. **Psychology of Religion.** Autumn. M. W. F., 9:30. Three hours credit. Poulson.
200. **Thesis in Psychology.** Winter or Spring. Three to five hours credit. Poulson.

Research work in the preparation of a Master's thesis. Prerequisites: Ten hours of upper division and graduate credit in psychology including Psychology 65 or 165. Also a course in statistical methods.

RELIGIOUS EDUCATION

Professors Wilson, Eyring, A. N. Merrill, H. R. Merrill, Cummings, De Jong, Miller, Martin, Hansen, Jensen, W. H. Boyle; Associate Professors Sudweeks, Sperry, Jeppson, Rowe, Hart, Ivins, Shaw, Nicholes; Assistant Professors R. Swensen, Law, Lloyd; Mr. Wilson, Mr. Tracy, Mr. Christensen, Mr. Anderson, Miss Waspe.

Lower Division Courses

- 1, 2, 3. **The Restored Gospel as a Way of Life.** Autumn, Winter, Spring. T. Th., Sec. 1, 8:30; Sec. 2, 9:30; Sec. 3, 4, 10:30; Secs. 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 11:30; Sec. 15, 2:30. Two hours credit each quarter. Wilson, Boyle, DeJong, Cummings, Miller, Hansen, Jensen, R. Swensen, Shaw, M. Wilson, Christensen, Law.

The student just entering college is aided in the solution of problems incident to his new environment. The general

significance and meaning of the Restored Gospel as it applies to conduct will be the central theme.

- 4, 5, 6. **Literature of the Bible.** Autumn, Winter, Spring. T. Th., 11:30. Two hours credit each quarter. H. R. Merrill, Tracy.

A study of the prose forms of the Old Testament from a literary, ethical, historical, and religious point of view; a study of the poetry and wisdom literature of the Old Testament including Job and Isaiah; a study of the literary forms of the New Testament.

- 10, 11, 12. **Book of Mormon.** Autumn, Winter, Spring. T. Th., 11:30. Two hours credit each quarter. A. N. Merrill, Rowe.

A study of the origin and content of the Book of Mormon.

14. **Genealogy.** Autumn or Spring. T. Th., 11:30. Two hours credit. Sudweeks.

The place of genealogy in the plan of salvation, our responsibility to our dead ancestors, genealogical research, the pedigree, the family record, temple sheets, and temple ordinances.

15. **Genealogy and Eugenics.** Winter. T. Th., 11:30. Two hours credit. Sudweeks.

Relation of race improvement to religion and genealogy; nature and nurture, inheritance, methods and agencies for race improvement, marriage, divorce and birth rates.

- 19, 20, 21. **Doctrine and Missionary Method.** Autumn, Winter, Spring. T. Th., 11:30. Two hours credit each quarter. Ivins. Only with consent of instructor.

A course designed especially for prospective missionaries. A review of the history of religious propaganda, a detailed study of methods employed in preaching the doctrines of the Church.

- 25, 26, 27. **History and Doctrine of the Church of Jesus Christ of Latter-day Saints.** Autumn, Winter, Spring. T. Th., 10:30. Two hours credit. Nicholes.

A rather comprehensive history of the Church with a progressive study of the doctrines in their social and historical setting.

- 28, 29, 30. **Comparative Study of Religions.** Autumn, Winter, Spring. T. Th., 11:30. Two hours credit each quarter. R. Swenson.

A comparative study of contemporary Christian religions, their historical growth, famous leaders, theological creeds, church organizations, and present-day trends; also other great religions.

Upper Division Courses

- 51, 52, 53. Hebrew Civilization. Autumn, Winter, Spring. T. Th., 9:30. Two hours credit each quarter. Sperry.

The religious life of our civilization is rooted in Israel. This course will portray Israel's exceptional mission in the world and her importance in Latter-day Saint philosophy.

- 54, 55, 56. Literature of the New Testament. Autumn, Winter, Spring, 8:30. Two hours credit each quarter. R. Swensen.

A literary, historical study of the New Testament books. Special attention is given to the historical background, literary features, and the distinctive religious teachings of each book.

- 63, 64, 65. History of the Christian Church. Autumn, Winter, Spring. T. Th., 9:30. Two hours credit each quarter. R. Swensen.

A historical survey of the growth of Christianity from the time of Christ to the present. The imperial Roman, the medieval, and the modern ages are studied for the light which they throw upon the cultural, social, and religious backgrounds of Christianity.

- 66, 67, 68. Old Testament History. Autumn, Winter, Spring. T. Th., 11:30. Two hours credit. Martin.

A study of the political, cultural, and religious development of Israel up to the time of the Prophet Amos; contributions of the prophets of Israel during the period 800 to 400 B. C.; a study of the priestly period from 400 B. C. to the time of Jesus.

71. Manners and Customs of the Hebrews. Autumn. T. Th., 11:30. Two hours credit. Sperry.

The traditions, customs, and modes of thought of the ancient Hebrews. The literature of the Bible cannot be fully understood without a knowledge of the customs of the people that produced it.

72. Hebrew Archaeology. Winter. T. Th., 11:30. Two hours credit. Sperry.

A study of the results of exploration and excavation in Bible lands with special reference to the Hebrew people.

73. Modern Religious Problems. Spring. T. Th., 11:30. Two hours credit. Sperry.

Will deal with such problems as the criticism of the Bible, the criticism of the Book of Mormon, and modern problems of religious interest.

74. **Leadership in Recreation.** Autumn, Winter, or Spring. T. Th., 11:30. Two hours credit. Jeppson, Hart.

This course is given to meet the needs of the community, church, and school recreational leaders. Open to Seniors only, except by permission.

75. **Bee-Hive Leadership.** Autumn, or Winter, 11:30. Two hours credit. Waspe.

A course designed especially for those interested in girl guidance work. Consideration of the interests and needs of adolescent girls; a study of the girl movements of the world; leadership qualifications; plan of the Bee-Hive Girls organization, and methods of presentation.

76. **Bee-Hive Leadership.** Spring, 11:30. Two hours credit. Waspe.

A practical application of the work covered in course 75. Group activity in the various fields of the Bee-Hive plan: Home, Health, Religion, Out-of-doors, Art, Public Service, Business.

- 77, 78, 79. **Scout Leadership.** Autumn, Winter, Spring. T. Th., 11:30. Two hours credit. Anderson.

A course designed especially for scoutmasters and prospective scout leaders. The following topics will be considered: Organization of a Scout troop and its relationship to the Local Council and the National Council; troop management and the patrol system; the psychology of the Boy Scout; scout stories and games; signs, symbols, and signaling; pathfinding and mapmaking; trees, flowers, birds, common wild animals, and stars are the subjects to be studied in the class room and while on short hikes.

- 87, 88, 89. **Rationality of Religion.** Autumn, Winter, and Spring. T. Th., 11:30. Two hours credit each quarter. Wilson, Eyring, Lloyd.

Religion as life in its relationship to philosophy; the concept of God, His relations to man, and His plan for man's redemption; Jesus Christ and His relation to the plan; the Restored Gospel as a way of life. Arranged especially for Seniors.

Graduate Courses

- 121, 122, 123. **Seminar.** Autumn, Winter, Spring. Time to be arranged. Wilson.

- 187, 188, 189. **Rationality of Religion.** Autumn, Winter, Spring. T. Th., 11:30. Two hours credit each quarter. Wilson.

These courses are extensions of courses 87, 88 and 89.

200. Thesis. Time and hours to be arranged. Religious Education Faculty.

SOCIOLOGY

Professors Swenson, Hansen, Boyle; Mr. Christensen.

Courses 11 and 12, or 55 and 56 are prerequisite to all other courses in sociology.

Students majoring in this department are required to take courses 11, 12, 53, 57, 58, 75, and 81.

Sociology majors and minors are advised to broaden their background with courses in related fields. The following are especially recommended. Economics 60 and 61, Geography 52, Anthropology 94, History 1, Political Science 1, Psychology 11, 70, 71, 72 and 79, Zoology 11, 18 and 79.

Lower Division Courses

11. **Introduction to the Study of Sociology.** Autumn, Winter and Spring. Daily, 2:30. Five hours credit each quarter. Christensen.

This course is designed to give the ground work for social study. It presents a general view of social organizations, social forces and a practical working theory of the nature of society.

12. **Social Problems.** Spring. Daily, 2:30. Five hours credit. Christensen.

This course deals with concrete social problems such as crime, poverty, racial conflicts, etc. Discussions, papers, and assigned readings.

Upper Division Courses

51. **Community Organization and Leadership.** Autumn. M. W. F., 10:30. Three hours credit.

Problems of community life and action, and the methods of promoting them through organization and leadership.

53. **Rural Sociology.** Spring. M. W. F., 10:30. Three hours credit. Christensen.

A survey of social conditions in the rural life of America, with special reference to those social processes which are in operation at the present time.

55. **Introduction to the Study of Sociology.** Autumn and Winter. Daily, 8:30. Five hours credit each quarter. Swenson.

56. **Social Problems.** Winter. Daily, 9:30. Five hours credit. Swenson. Same as Sociology 12.

57. **Population Problems.** Autumn. M. W. F., 10:30. Three hours credit. Christensen.

A study of the growth and distribution of population. Such subjects as population density and mobility, birth and death rates, eugenic considerations, etc., will be discussed.

58. **Human Ecology.** Autumn. T. Th., 10:30. Two hours credit. Christensen.

A study of the spatial relationships of man as determined by his adaptation to physical and social environment. Discussions will center on such subjects as isolation, interaction, segregation, invasion, etc.

61. **Educational Sociology.** Autumn. M. W. F., 9:30. Three hours credit. Swenson.

An introductory study of the principles of educational sociology and their application to the theory and practice of school administration, curricula and methods of instruction.

66. **Urban Sociology.** Winter. T. Th., 9:30. Two hours credit. Swenson. (Not given this year.)

A study of the evolution and problems of urban life, with special emphasis on the economic, ethical, and political influence of cities on modern society.

70. **Social Control.** Spring. M. W. F., 8:30. Three hours credit. Swenson.

A study of the means of the control of the individual by groups. Such agencies as public opinion, belief, social suggestions, ceremony, personal ideals, etc., will be studied in detail.

71. **Juvenile Sociology.** Spring. T. Th., 9:30. Two hours credit. Boyle.

This course deals with the educational problems of the adolescent, as related to the home, the school, industry, the community, and his own group.

75. **The Family.** Spring. M. W. F., 10:30. Three hours credit. Swenson.

A study of the history and development of the family and its place as an institution in the development of our civilization. The course also considers the modern family and its problems.

- 77, 78. **Social Case Work.** Autumn, Winter, and Spring. F., 1:30 to 3:30. Two hours credit each quarter. Swenson.

Principles and practices of case work with the maladjusted and the dependent.

80. **Social Statistics.** Winter. M. W. F., 8:30. Three hours credit. Christensen. (Not given this year.)

A study of graphical and statistical methods as they apply to sociology. Practice will be given in computing statistical averages, deviations, correlations, etc.

81. **The History of Social Theory.** Spring. M. W. F., 9:30. Three hours credit. Swenson.

The course deals with evolution of social theories beginning with Plato and considering the developments through the early Christian Era and also the Medieval and modern social theorists.

90. **Labor Problems.** See Economics 61.

93. **Race and Racial Problems.** Winter. T. Th., 10:30. Two hours credit. Christensen.

An analysis of the classification and distribution of races, and of the problems which grow out of racial conflict.

96. **Cultural Anthropology.** Winter. M. W. F., 10:30. Three hours credit. Christensen.

An analysis of the social institutions of primitive people and how those institutions have developed. The meaning and content of culture.

- 97, 98, 99. **Recent Social Trends.** Autumn, Winter, Spring. M., 4:30. Two hours credit each quarter. Christensen. (Not given this year.)

A cross-section of contemporary American civilization. Special attention will be given the reports of the Hoover Commission on Social Trends.

Graduate Courses

- 101, 102, 103. **Research.** Time and credit to be arranged. Swenson.

Opportunity is given for the student to work out a problem in the field of his greatest interest. Direction in the methodology of research in the social science field, and in the presentation of material.

151. **Community Organization.** Spring. M. W. F., 9:30. Three hours credit. Swenson. (See Sociology 51.)

161. **Educational Sociology.** Autumn, 9:30. Three hours credit. Swenson.

171. **Juvenile Sociology.** Spring. Two hours credit. Boyle.

175. **The Family.** Spring. Three hours credit. Swenson.

186. **Social Organization.** Winter. Three hours credit. (Not given this year.)

- 190. Labor Problems. Winter. Three hours credit.
- 191. Labor Legislation. Spring. Three hours credit.
- 195. Cultural Anthropology. Winter. Three hours credit. Christensen.
- 196. Research. Time and credit to be arranged.
- 197, 198, 199. Recent Social Trends. Autumn, Winter, Spring. M., 4:30. Two hours credit each quarter. Christensen. (Not given this year.)
- 200. Thesis.

SPEECH

Professors Pardoe, Morley, De Jong; Mr. Clinger, Miss Billings

Students majoring in this department are required to furnish two years in a foreign language. They may elect one of the two divisions, public speaking, or dramatic art. Requirements for public speaking are Speech 1, 2, 3, 4, 11, 12, 51, 52, 53, 84p, 91, and 95. Requirements for dramatic art are Speech 1, 2, 11, 12, 22, 42, 43, 61, 62, 72, 73, 77, 78 or 79, 81p, 87p, 91 and 95.

It is advisable to register for Physics 11, Psychology 11, Psychology 74, and Art 21.

Students minoring in Speech should qualify in the following courses: Speech 1, 2, 4, 11, 12, 51 or 52, 72 or 73, 91, and 95.

Lower Division Courses

- *1. Principles of Speech. Autumn. Sec. 1, M. W.; Sec. 2, T. Th., 9:30; Sec. 3 and 4, M. W., Sec. 5, T. Th., 1:30; Sec. 6, M. W., 2:30. Two hours credit. Morley, Clinger.

The elements of speech, proper carriage, and simple outline of speeches constitute the major portion of this course.

- *2. Open Forum Discussion. Winter. Sec. 1, M. W.; Sec. 2, T. Th., 9:30; Sec. 3 and 4, M. W., Sec. 5, T. Th., 1:30; Sec. 6, M. W., 2:30. Two hours credit. Morley, Clinger.

Encouragement and practice in extemporaneous speech and application of speech principles. Vocabulary building.

- *3. Speech Analysis. Spring. Sec. 1, M. W.; Sec. 2, T. Th., 9:30; Sec. 2 and 4, M. W., Sec. 5, T. Th., 1:30; Sec. 6, M. W., 2:30. Two hours credit. Morley, Clinger.

The study of masterpieces and models of speech composition. Practice in delivery and analysis. Individual needs especially motivated.

*Classes in Speech 1, 2, 3, 11, 12, and 13, are limited to twenty members. Assignments are made by Speech Department at registration.

4. **Voice and Diction.** Autumn, Winter, Spring. T. Th., 2:30. Two hours credit. Morley.

A laboratory study and supervised development of good voice and diction. Especially planned for prospective teachers.

- *11. **Elementary Speech Problems.** Autumn. Sec. 1, M. W.; Sec. 2, T. Th., 8:30; Sec. 3, M. W., Sec. 4, T. Th., 10:30; Sec. 5, M. W., Sec. 6, T. Th., 2:30. Two hours credit. Pardoe.

Fundamental principles of speech arts, with emphasis on pantomime.

- *12. **Classical Literature.** Winter. Sec. 1, M. W.; Sec. 2, T. Th., 8:30; Sec. 3, M. W., Sec. 4, T. Th., 10:30; Sec. 5, M. W., Sec. 6, T. Th., 2:30. Two hours credit. Pardoe.

Application of the elements of reading to great scenes of classical literature.

- *13. **Dramatic Monologue.** Spring. Sec. 1, M. W., Sec. 2, T. Th., 8:30; Sec. 3, M. W., Sec. 4, T. Th., 10:30; Sec. 5, M. W., Sec. 6, T. Th., 2:30. Two hours credit. Pardoe.

Special attention is given to the dramatic monologue and soliloquy.

21. **Interpretative Literature.** Autumn. M. W. F., 9:30. Three hours credit. Pardoe.

Character delineation forms a great portion of this work.

22. **Dialogue and Scene Presentation.** Winter. M. W. F., 9:30. Three hours credit. Pardoe.

The great scenes from Shakespeare and classical literature. Character analysis and presentation. Prerequisites: Courses 11, 12, 13.

42. **Practical Phonetics.** Autumn. T. Th., 1:30. Two hours credit. De Jong.

A course prescribed for all majoring in speech. Given to aid students to acquire a better understanding of English and foreign diction. (See Department of Modern and Classical Languages, Phonetics 42.)

- 43 or 44. **Representative Dialect.** Spring. M. W. F., 9:30. Three hours credit. Pardoe.

A study of dialect as an element in interpretation. Scotch, Italian and Yiddish alternate each year with Cockney, Negro and class choice. Scotch on even years. Prerequisite: Course 42.

Upper Division Courses

51. **Advanced Speech Composition.** Autumn. M. W. F., 8:30. Three hours credit. Morley.

An intensive study of the organization of advanced forms of public speaking and practical experience in their delivery.

52. **Argument and Debate.** Winter. M. W. F., 8:30. Three hours credit. Morley.

A study of the principles of argument followed by a series of debates on current questions. (See English 52.) Prerequisites: English 1, 2, 3; Speech 1, 2.

53. **Lecture and Sermon.** Autumn, Winter, and Spring. T. Th., 11:30. Two hours credit. Morley. (See Rel. Educ. 69.)

A course for seminary teachers and those preparing for missionary work.

57. **Advanced Debate.** Winter. One hour credit. For such members of the debating squad as can qualify and register for this course, subject to the approval of the Speech Department.

61. **Speech Projects.** Autumn. T. Th., 3:30. Two hours credit. Pardoe.

A speech seminar for the study of individual problems. Required of all majors. Course prepares for 62.

62. **Impersonation.** Winter. M. T. W. Th., 3:30. Four hours credit. Pardoe.

An advanced course leading to the reading of full programs. Only those who have built a proper voice foundation, and who can qualify in Speech 1, 2, 11, 12, 13, and 22 are eligible. Speech 61 is obligatory for this course.

63. **Interpretation of Modern Drama.** Autumn. W., 7:00 p. m. One hour credit. Pardoe.

A study of world drama.

64. **Interpretation of Modern Drama.** Winter. W., 7:00 p. m. One hour credit. Pardoe.

Modern drama analyzed and dramatically presented.

65. **Historic Costume and Costume Design.** Winter. M. W. F., 1:30. Three hours credit. Billings.

Historic development of fashion and fashion trends. Costume studies for plays and period designing.

71. **Stage Craft.** Autumn. M. W. F., 2:30. Three hours credit. Pardoe.

It is suggested that students take Art 21 as a preparation for this course.

72. **Play Production.** Winter. M. W. F., 2:30. Three hours credit. Pardoe. Three classes and one laboratory period per week. Advanced students only. Courses 11, 12, 13, and 22 are prerequisite.

73. **Acting.** Spring. M. W. F., 2:30. Three hours credit. Two classes and one laboratory period per week. Advanced students only. Required of all Speech Seniors. Pardoe.

77. **History of Dramatic Production.** Autumn. T. Th., 1:30. Two hours credit. Pardoe.

The Egyptian, Grecian, and Roman Theatre. A study of the means employed in the theatrical presentations of these periods.

78. **History of Dramatic Production.** (Oriental and Medieval.) Winter. T. Th., 1:30. Two hours credit. Pardoe.

79. **History of Dramatic Production.** (Elizabethan.) Spring. T. Th., 1:30. Two hours credit. Pardoe.

81p. **Dramatic Technique.** One hour credit per quarter for each recitation per week. Pardoe.

An intensive individual course in advanced interpretation. Time and fee to be arranged with instructor.

84p. **Public Speaking.** One hour credit per quarter for each recitation per week. Pardoe and Morley.

An intensive individual course designed for those who desire to concentrate on organization and delivery of the more advanced forms of public speech. Time and fee to be arranged with instructor.

87p. **Voice and Speech Improvement.** One hour credit per quarter for each recitation per week. Pardoe and Morley.

An intensive individual course designed to help the student acquire good speech habits with particular attention to development of a pleasing, well-modulated speaking voice. Time and fee to be arranged by instructor.

91. **Methods of Teaching Speech.** Spring. T. Th., 8:30. Two hours credit. Morley.

Organization of high school departments of speech. Selection of materials and methods to be employed in speech teaching.

95. **Speech Correction.** Winter. M. W. F., 9:30. Three hours credit. Morley.

Laboratory and clinical methods for the study and correction of speech defects.

96. **Clinical Methods in Speech Correction.** Spring. M. W. F., 8:30. Three hours credit. Morley.

Study and training in the methods of diagnosis, treatment and equipment used in the modern speech clinic. Handling of actual cases will form an important part of the course. Prerequisite: Speech 95.

Graduate Courses

105. **Psychology of Speech.** Autumn. M. W. F., 9:30. Three hours credit. Morley.

A study of the psychological elements of language and expression.

131. **Technique of Play Writing.** Winter. Three hours credit. Pardoe. Time to be arranged. May be taken by advanced upper division students.

132. **Technique of Play Writing.** Spring. Time to be arranged. Three hours credit. Pardoe.

The writing and producing of original plays, with emphasis upon western themes. May be taken by advanced upper division students.

- 143 or 144. **Dialect Research.** Spring. M. W. F., 9:30. Laboratory, two hours per week. Three hours credit. Pardoe. Prerequisite: Speech 42.

151. **Advanced Speech Composition.** Autumn. M. W. F., 8:30. Three hours credit. Morley.

An intensive study of the organization of advanced forms of public speaking and practical experience in their delivery. Each student will make an individual study of an eminent orator.

152. **Argument and Debate.** Winter. M. W. F., 8:30. Three hours credit. Morley.

Advanced study of principles of argument and experience in their use by applying them in a series of debates on current questions. An individual study of some phase of argument or logic will be required. Prerequisite: English 1, 2, 3, and Speech 1 and 2.

171. **Stage Craft.** Autumn. M. W. F., 2:30. Three hours credit. Pardoe.

173. **Acting.** Spring. M. W. F., 2:30. Three hours credit. Pardoe.

177. **History of Dramatic Production (Ancient).** Winter. T. Th., 1:30. Two hours credit. Pardoe.

178. **History of Dramatic Production (Oriental and Medieval Theatre).** Winter. T. Th., 1:30. Two hours credit. Pardoe.

179. **History of Dramatic Production.** Includes the Elizabethan period. Spring. T. Th., 1:30. Two hours credit. Pardoe.

180p. **Speech Clinic.** Students may enter at any time during the year. Morley.

Corrective treatment of stuttering, stammering, lisping, oral inaccuracy, poor voice and other forms of speech and voice disorders. A thorough diagnosis will be made and treatment organized in accordance with individual needs. Time and fee to be arranged.

191. **Methods of Teaching Speech.** Spring. T. Th. Two hours credit. Morley.

195. **Speech Correction.** Winter. M. W. F., 9:30. Three hours credit. Morley.

Laboratory and clinical methods for the study of various speech defects. An individual research problem required.

196. **Clinical Methods in Speech Correction.** Spring. M. W. F., 8:30. Three hours credit. Morley.

Study and training in the methods of diagnosis, treatment and equipment used in the modern speech clinic. Work with cases will form important part of the work. Students will make an individual study of some important clinical problem. Prerequisite: Speech 95.

200. **Thesis.** Three to five hours credit. Time to be arranged. Pardoe, Morley.

Individual research upon a problem of importance to speech. Ability to conduct experiments necessary. Subject must be submitted for work during at least three quarters.

ZOOLOGY AND ENTOMOLOGY

Professor Tanner; Doctors Cullimore, Oaks; Mr. Hayward, Miss Snow, Mr. Jorgensen.

Students majoring in this department must complete courses 11, 18, 30, 55, 57, 59, 65, 71, 72, 75, 80, 82, 83 and 94. Substitution of other courses is permitted in special cases. Students are also advised to complete two years of German and French if they contemplate doing advanced work in Zoology or Entomology.

Students who expect to study Medicine may take Zoology for their major subject and complete the courses advised or they may take the following courses: 11, 18, 55, 56, 65, 70, 71, 72, and 75.

Students who desire to teach Biology in the high school should complete the following courses: 11, 30, 55, 57, 58, 59, 65, 69, 70, and 75; Botany 1 and 3; Bacteriology 21 and 22.

Facilities for the Study of Zoology and Entomology

The natural history collections consist of a very complete collection of Utah fish, amphibians, reptiles, birds, and mammals. This collection is also supplemented by the Chester Van Buren collection of birds from Magdalena River of Colombia, the David Starr Jordan collection of fish from the Hawaiian Islands. The entomological collection contains authoritatively named specimens in all the orders of insects. The pinned insects are placed in four hundred trays, 18x19 inches in size, two inches deep. The specimens are pinned in unit boxes. The Lepidoptra collection is a very complete one of Utah and and the Great Basin region. It contains over six hundred named species and ten thousand specimens. It is made up of the famous Tom Spalding collection and the Chester Van Buren collection. The Coleoptera collection contains over six thousand determined species and forty thousand specimens. It contains a very complete collection of weevils, the Chas. W. Leng collection of 1676 species, 300 species from the Blatchley collection, and the Charles Schaeffer weevil collection, consisting of 813 species. Many types, cotype and paratype specimens are in the collections. All these collections are housed in the new fire-proof Geo. H. Brimhall Building.

ZOOLOGY

Lower Division Courses

11. **General Zoology.** Autumn. M. W. F., Sec. 1, 8:30; Sec. 2, 10:30; Winter. Sec. 1, M. W. F., 10:30; Spring. M. W. F., Sec. 1, 10:30; Laboratory Sec. 1, T. Th., 1:30-3:30; Sec. 2, T. Th., 3:30-5:30; Sec. 3, M. W., 1:30-3:30; Sec. 4, M. W., 3:30-5:30. Five hours credit. Tanner, Hayward and Jorgensen.

Fundamentals of structure, physiology, development, heredity, adaptations, classifications, and bearing of Biology on human life.

18. **Evolution and Genetics.** Winter and Spring. M. W. F., 10:30. Three hours credit. Hayward.

A course dealing in a general way with the theories and evidences of organic evolution. The laws and physical basis of heredity are studied in the light of their relationship to evolution. Prerequisite: Zoology or Botany Laboratory course.

23. **Animal Ecology.** Spring. M. W. F., 9:30. Three hours credit. Tanner. (Not given this year.)

The environment, natural habitats, adaptations, relationships of organisms, and distributions of species and communities will be considered.

Upper Division Courses

55. **Invertebrate Zoology.** Winter. T. Th., 8:30. Laboratory M. W., 1:30-4:30. Four hours credit. Hayward.

This course is designed to follow Zoology 11, and is intended to give the students a broader knowledge of the morphology and relationship of the invertebrate groups.

56. **Comparative Anatomy.** Spring. T. Th., 8:30. Laboratory, M. W. F., 1:30-4:30. Five hours credit. Hayward.

A detailed study of the comparative anatomy of the vertebrates.

57. **Vertebrate Zoology; Birds and Mammals.** Spring. M. W. F., 7:30. Three hours credit. Hayward.

A course in the evolution, structure, classification, and distribution of birds and mammals with special reference to the Utah species. Prerequisite: Zoology 11.

58. **Health Education for Teachers.** Autumn, Winter, Spring. M. W., 1:30. Two hours credit. Cullimore, Oaks. (See Elementary Education 58.)

Designed especially for those who are preparing to teach in the public schools.

59. **Cold Blooded Vertebrates; Fish, Amphibians and Reptiles.** Winter. M. W. F., 8:30. Three hours credit. Tanner.

An introductory course dealing with the problems relating to the evolution, life history and classification of cold blooded vertebrates found in this region.

65. **Human Physiology.** Autumn. M. W. F., 9:30. Three hours credit. Hayward.

This course is designed to give the student a working knowledge of the life processes as they function in man. Prerequisite: Zoology 11. (See Animal Husbandry 65.)

66. **Human Physiology Laboratory.** Autumn. T. Th., 1:30-4:30. Two hours credit. Hayward.

70. **Histological Technique.** Winter. M. W. F., 1:30-4:30. Three hours credit. Jorgensen.

Practical training in fixing tissues, embedding, sectioning, staining, and mounting of permanent specimens.

71. **Histology.** Autumn. M. W. F., 1:30-4:30. Three hours credit. Jorgensen.

Microscopic study of the structure of the tissues and organs of animals.

72. **General Embryology.** Spring. T. Th., 9:30. Laboratory, W. F., 1:30-4:30. Three hours credit. Jorgensen.

The origin and development of the organs and organ-systems of vertebrate animals, especially the chick, are studied.

73. **Aquatic Zoology.** Autumn. M. W. F., 9:30. Three hours credit. Tanner.

A general course in the study of fresh water animals of Utah Lake.

75. **History of Biology.** Winter. T. Th., 10:30. Two hours credit. Tanner.

A study of the development of biological thought from the time of the earliest writers to the present.

79. **Eugenics.** Spring. M. W. F., 10:30. Tanner.

The laws of natural inheritance, population problems, environment, reform, marriage and divorce, and state aid for education. Prerequisite: Some laboratory course in Zoology or Botany.

- 80, 81. **Junior Year Seminar.** 82, 83. **Senior Year.** Autumn, Winter. W., 4:30. One hour credit each quarter. Staff.

Required of all majors in this department during their junior and senior years.

85. **Fresh Water Zoology Problems.** Spring. Time and credit to be arranged. Tanner. (Not given this year.)

Special problems dealing with the Plankton, Mollusks, insects, fish, etc., of the lake. Problems will be assigned to individual students.

- 91, 92, 93. **Field Zoology.** Time and credit to be arranged. Tanner and Hayward.

Students may make extensive collections of the animal life of this state or adjoining states and then make a report in the same. This course aims to give training in systematic Zoology and museum work.

Graduate Courses

- 113, 114, 115. **Research Work in Systematic Vertebrate Zoology.** Time and credit to be arranged.

- 117, 118, 119. **Zoological Research.** Time and credit to be arranged.

This course is open to all students prepared to do graduate work in any branch of zoological science.

157. **Vertebrate Zoology.** (See Course 57.)

159. **Cold Blooded Vertebrates.** (See Course 59.)

175. History of Biology. (See Course 75.)

179. Eugenics. (See 79).

200. Research. Thesis. Credit by arrangement.

This course is required of all students seeking a master's degree in this department.

ENTOMOLOGY

Lower Division Courses

30. Elementary Entomology. Autumn. M. W. F., 9:30. Three hours credit. Tanner.

This course is intended to interest students in insect life. A study of the structure, development and classification of some of the more important insects will form a basis of this course.

31. Morphology of Insects. Winter. M. W. F., 9:30; Laboratory, Th., 1:30-4:30. Four hours credit. Tanner.

It is the purpose of this course to teach the structures of insects and the importance of these structures in a systematic study of insects. A few typical insects will be thoroughly studied.

32. Insect Classification. Spring. M. W. F., 9:30; Laboratory, Th., 1:30-4:30. Four hours credit. Tanner.

Students will collect and study systematically the insect fauna of the Provo region. Prerequisite: Course 31.

34. Economic Entomology—Field, Orchard and Garden Insects. Spring. M. W. F., 10:30. Laboratory, M., 2:30-5:30. Three hours credit. Tanner.

A study of the principal injurious and beneficial insects of the field, orchard and garden. Will include field, laboratory, and bibliographic work. Prerequisite Course 30.

Upper Division Courses

61. Advanced Study of the Hymenoptera. Autumn, Winter, Spring. Three hours credit. Time to be arranged. Hayward.

A morphological and systematical study of the groups of western Hymenoptera in which the student may be interested.

62. Advanced Study of the Coleoptera. Autumn, Winter, Spring. Three hours credit. Time to be arranged. Tanner.

Students may study the weevils or other Coleoptera from the systematic, morphological, or economic standpoint.

63. **Arthropods of the Intermountain States.** Spring. M. W. F., 10:30. Three hours credit. Tanner (Not given this year.)

A general course dealing with the morphology, physiology, and classification of the Arthropods of this region. An important course for all majors in Zoology.

64. **Advanced Entomology.** Winter and Spring. Time and credit to be arranged.

Open only to advanced students who are prepared to do systematic, morphological, or economic work.

94. **Principles of Nomenclature.** Winter. M., 4:30. One hour credit. Tanner.

A lecture course dealing with the principles of nomenclature and intended to meet the needs of students from any of the biological departments.

96. **Special Problems in Entomology.** Winter and Spring. Two hours credit. Time to be arranged. Tanner.

Students will be encouraged to study the internal morphology of various groups of insects.

Graduate Courses

- 102, 103, 104. **Special Problems in Systematic Entomology.** Time and credit to be arranged.

Studies in the structure and classification of certain groups of insects as Coleoptera, Diptera, Hymenoptera, etc.

- 105, 106. **Research Work in Insect Morphology.** Time and credit to be arranged.

Special emphasis will be placed upon the morphology of the beetles. However, students may choose any group for detailed study.

- 107, 108, 109. **Special Problems in Economic Entomology.** Time and credit to be arranged.

The student is here given an opportunity to make a more or less detailed study of some insect or group of insects of economic importance. Students are encouraged to do considerable life history work.

- 110, 111, 112. **History of Entomology.** A one hour lecture or seminar course required of all graduate students. Time and credit to be arranged.

Extension Division

FACULTY

FRANKLIN STEWART HARRIS, President
HARRISON R. MERRILL, Director
CARLTON CULMSEE, Secretary Extension Division, Journalism
CHRISTEN JENSEN, History and Political Science
AMOS N. MERRILL, Secondary Education
BENJAMIN F. CUMMINGS, Languages
THOMAS L. MARTIN, Agronomy
WILLIAM J. SNOW, History
T. EARL PARDOE, Speech
M. WILFORD POULSON, Psychology
VASCO M. TANNER, Zoology and Entomology
HERALD R. CLARK, Finance and Banking
GERRIT DE JONG, JR., Languages
GEORGE H. HANSEN, Geology and Geography
ELMER MILLER, Economics
MILTON MARSHALL, Physics
GUY C. WILSON, Religious Education
A. C. LAMBERT, Educational Administration
EFFIE WARNICK, Home Economics
A. REX JOHNSON, Marketing
J. MARINUS JENSEN, English
JOSEPH SUDWEEKS, Religious Education
C. S. BOYLE, Accounting and Business Administration
WAYNE B. HALES, Physics and Mathematics
SIDNEY B. SPERRY, History
ALONZO J. MORLEY, Speech
WILLIAM H. SNELL, Drawing
IDA SMOOT DUSENBERRY, Psychology
EDGAR M. JENSON, Educational Administration
H. GRANT IVINS, Animal Husbandry
BERTRAND HARRISON, Botany
ELSIE C. CARROLL, English
IRENE S. BARLOW, Home Economics
JOHN E. HAYES, Registrar
KIEFER B. SAULS, Secretary to the President, Purchasing Agent
W. ELMO COFFMAN, Science
C. LYNN HAYWARD, Zoology
THOMAS C. PETERSON, Secretary, Visual Instruction

O. MEREDITH WILSON, History
HAROLD T. CHRISTENSEN, Sociology
MRS. CHRISTEN JENSEN, English
MRS. NELLIE THORNTON, English
J. F. WAKEFIELD, Apiculture
A. A. ANDERSON, Scouting
C. J. HART, Physical Education.
EDNA CULMSEE, Office Practice.
C. LAVOIR JENSEN, Mathematics.
B. F. LARSEN, Art.
FRANKLIN MADSEN, Music.

Never before in the world's history were so many people attending college. But great as has been the increase in enrollment of resident students, it does not compare with the remarkable growth of what has come to be termed "Adult Education."

Doubtless, the growth of adult education is partly due to the necessity of people learning new things. The development of science and invention has been so rapid in recent years as literally to flood the earth with strange new devices. Old occupations have been destroyed and new ones created. There has come an amazing demand from the general population for instruction suited to its needs.

The extension Division brings the University departments of instruction to your door. If you would study history, literature, mathematics, or practically any other subject in the University, you can now study it under expert guidance through the Home Study Bureau.

Directed Home Study

Hundreds of students are enrolled annually in courses, the instruction in which is carried on by the correspondence method. This method has the advantage of placing the student in direct touch with the instructor and allowing him to study at home at hours suited to his convenience.

Extension Division Aims

To render service to those who are unable to take advantage of the benefits of attending an educational institution, is the chief aim of the Extension Division of the Brigham Young University. To this end, correspondence courses and extension classes are offered to the public at a reasonable rate. Indeed, instruction by extension methods is more reasonable in Utah,

than in the vast majority of states of the Union. Courses may be taken for credit or not.

Method of Instruction

After filing the application for enrollment and paying the fee, the student is sent the assignments of the course. He is given full instruction as to the required reading and preparation of his lesson, including questions to test his knowledge of the ground covered.

After preparing for recitation, the student does the required written work and mails it to the Extension office. This paper is criticized by the instructor, graded and returned to the student.

Each correspondence course carries credit equivalent to the corresponding courses in residence and therefore covers a definite amount of work. Most of the courses contemplate the students' preparing about five assignments for each quarter hour of credit received.

Regulations

1. No degree is offered for work done wholly in absence.
2. A student may begin at any time a course for which he is prepared, and must complete it within a year from the time he registers. He must distribute his reports with approximate evenness throughout the period of study. Each assignment is aimed to cover about a week's study in that particular subject provided the student spends about an hour a day. If he desires to send in more than two assignments a week, he should obtain permission from the instructor. Reports may be rejected if the student attempts to compress his work unduly. A student may complete not more than four credit hours in a month without special permission.
3. A student may not take correspondence work while in residence without the consent of the Dean concerned.
4. A student who does not report either by letter or lesson within a period of ninety days may thereby forfeit his right to further instruction in the course.
5. Unless otherwise stated examinations are required in all courses before credit is given. These examinations must be supervised by a responsible school official. Where it is convenient, the examination should be taken at the University.

Entrance Requirements

Registration for extension courses demands the same entrance requirements as do courses in residence. That is, matricu-

lation for college courses presupposes sixteen units of high school work. However, exception may be made in favor of mature students, or those who have practically completed their high school work.

Fees

The charge for correspondence courses is at the rate of \$2.50 a credit hour, except as indicated in some courses, with a minimum fee of \$5.00.

Fees will not be refunded because of inability of the student to continue a course for which he has registered. Permission to change to some other course may be given, however.

Extension Classes

The faculty of the school goes out into the communities and organizes regular classes which receive very much the same instruction as do resident students in corresponding courses. These classes are designed to meet the needs of persons who are not resident students of an educational institution. The usual procedure where such a class is desired is for the group to send to the Extension Division for an instructor.

Visual Instruction

Schools, seminaries, and other non-theatrical organizations throughout the intermountain region have access to the Bureau of Visual Instruction library of 16-millimeter motion pictures, 35-millimeter filmstrips and glass slides. Illustrative material for practically every course in the usual curriculum is available. A sound film section has recently been added to the library. During the 1936-37 school year approximately 25,000 students ranging from kindergarten to college grade, regularly viewed educational pictures from the Bureau and many hundreds of others attended occasional showings. It is commonly found that the proper use of visual aids to instruction leads to a measurable increase in learning.

Lectures and Entertainments

Members of the faculty have addressed or entertained in the neighborhood of two hundred thousand people in Utah and surrounding states during each of the past few years. These lectures and entertainments have for the most part been free except for transportation charges.

Social Service

In this department there is included miscellaneous service consisting of recreation, club programs, pageants, visual education, etc.

Publications

The Extension Division publishes from time to time circulars of general or specific interest. These circulars may be on any one of a wide number of subjects. In fact, any department of the University may have the opportunity of publishing material through this bureau as far as resources will permit.

Leadership Week

The first annual Leadership Week was held in January, 1922. Since that time it has been an annual event. In the 16th week, in 1937, the attendance represented 90 stakes of the Church. Thirty-three short courses were given. Several thousand men and women from many parts of the continent attended the departmental sessions, entertainments, and general assemblies at which leaders of thought in Church, education, and government offered information and inspiration.

CORRESPONDENCE COURSES

NOTE: Courses marked "x" are either not given in residence or do not correspond precisely to residence courses in the same subject. All other courses parallel residence courses by the same number.

Agronomy

- 21. Root Crops. Four hours credit. Martin.
- 22. Cereal Crops. Four hours credit. Martin.
- 23. Forage Crops. Four hours credit. Martin.
- 41. Soils. Three hours credit. Martin.
- 92. Bacteria in Relation to Soil Fertility. Three hours credit. Martin.
- 94. History of Agriculture. Three hours credit. Johnson.
- 99. Agricultural Literature. Credit to be arranged. Martin.

Animal Husbandry

- 2. History of Breeds of Live Stock. Five hours credit. Ivins.
- 8. Practical Poultry Farming. Three hours credit. Ivins.

Art

- 14x. Commercial Art. Two hours credit. Jenson.
- 15x. Commercial Art. Two hours credit. Jenson.
- 16x. Commercial Art. Two hours credit. Jenson.
- 17x. Illustration. Two hours credit.
- 64. Water Color Painting. Two to four hours credit. Jenson. Fee \$3:50 a credit.

Bacteriology

- 21. General Bacteriology. Three hours credit. Martin.

Botany

- 55x. Local Flora. Three or five hours credit. Harrison.
- 90. Advanced Systematic Botany. Harrison.

Accounting and Business Administration

- 1. Elementary Accounting. Five hours credit. Johnson.
- 2. Elementary Accounting. Five hours credit. Johnson.
- 14x. Commercial Art. Two hours credit. Jenson. Fee \$7.00
- 30. Commercial Geography. Five hours credit. Coffman.

- 50. Intermediate Accounting. Four hours credit. Clark.
- 51. Intermediate Accounting. Three hours credit. Clark.
- 52. Intermediate Accounting. Four hours credit. Clark.
- 61. Personnel Management. Three hours credit. Boyle.
- 62. Personnel Management. Three hours credit. Boyle.
- 63. Personnel Management. Three hours credit. Boyle.
- 64. Psychology Applied to Business. Four hours credit. Poulson.
- 74. Principles of Statistics. Three hours credit. Boyle.
- 75. Business Statistics. Two hours credit. Boyle.

Office Practice

- 11-12. Shorthand. Four or eight hours credit. Mrs. Culmsee.
- 31. Business English. Three hours credit. Mrs. Culmsee.

Drawing

- 4. Drawing. Two hours credit. Snell.
- 5. Drawing. Two hours credit. Snell. Prerequisite 4.
- 6. Drawing. Two hours credit. Snell. Prerequisite 5.
- 10. Instrumental Perspective. Two hours credit. Snell. Prerequisite 4, 5, 6, or equivalent.
- 13. Architectural Drawing. Two hours credit. Snell. Prerequisite 4, 5 and 6.
- 14. Architectural Drawing. Two hours credit. Snell. Prerequisite 13.
- 15. Architectural Drawing. Two hours credit. Snell. Prerequisite 14.

Economics

- 5. Introduction to Economics. Five hours credit. Miller.
- 6. Principles of Economics. Five hours credit. Miller. Prerequisite: Economics 5.
- 14. Economic and Financial History of United States. Three hours credit. Miller.
- 31. Cooperative Marketing. (See Marketing 37.) Johnson.
- 61. Labor Problems. Three hours credit. Boyle.
- 93. Economic History of Agriculture. Three hours credit. Johnson.

Education

- 3. Literature for Children. Four hours credit. Dusenberry.

Educational Administration

- 5. Educational Administration. Three hours credit. Lambert.
- 50. Rural Education. Three hours credit. Merrill.
- 60x. Youth and Its Leadership. Five hours credit. Lambert.
- 81. Old and New Type Examinations. Two hours credit. Sudweeks.
- 100. Independent Readings. Two hours credit. Lambert.

Elementary Education

- 3. Literature for Children. Four hours credit. Dusenberry.
- 5. School Organization and Administration. Three hours credit. Lambert.
- 22. Hygiene and Sanitation. Three hours credit. Hayward.

Philosophy of Education

- 74. Rural Sociology. Three hours credit. Christensen. (See Sociology 53.)
- 81. Science of Education. Four hours credit.
- 86. History of Education. Three hours credit.

Secondary Education

- 53. Organization and Administration. Three hours credit. A. N. Merrill.
- 55. Secondary Education in the United States. Four hours credit. A. N. Merrill.
- 95. Educational Guidance and Personnel. Three hours credit. A. N. Merrill.

English

- 1. Rhetoric and Composition. Three hours credit. Thornton.
- 2. Rhetoric and Composition. Three hours credit. Thornton. Continuation of course 1.
- 3. Rhetoric and Composition. Three hours credit. Thornton. Continuation of course 2.
- 4. Business English. Three hours credit. Mrs. Culmsee.
- 11. Advanced English Grammar. Four hours credit. Jensen.
- 16x, 17x. Survey of American Literature. Four hours credit. Mrs. Jensen.

- 20, 21, 22. Masterpieces of English Literature. Six hours credit. Carroll.
- 21x, 22x, 23x. Survey of English Literature. Nine hours credit. Mrs. Jensen.
- 44x. History and Development of the American Novel. Four hours credit. Jensen.
- 50x, 51x, 52x. Readings in World Literature. Six hours credit. Mrs. Jensen.
- 53x, 54x, 55x. Readings in World Literature. Six hours credit. Mrs. Jensen.
57. Short Story Writing. Two hours credit. Merrill.
- 58x. The Modern Short Story. Three hours credit. Mrs. Jensen.
- 59x. Verse Writing. Two hours credit. Culmsee.
65. Recent Drama. Three hours credit. Pardoe.
- 76x. Tennyson. Three hours credit. Mrs. Jensen.
- 86-1x. The Poetry of Robert Browning. Three hours credit. Mrs. Jensen.
- 86-2x. Continuation of 86-1x. Three hours credit. Mrs. Jensen.

Finance and Banking

51. Business Finance. Four hours credit. Clark.
52. Continuation of 51. Four hours credit. Clark.
53. Money and Banking. Four hours credit. Clark.
54. Investments. Four hours credit. Clark.

Geology and Geography

1. Survey Course. Four hours credit. Hansen.
21. Weather and Climate. Four hours credit. Hales.
30. Geography of Economic Products. Five hours credit. Coffman.
80. Human Geography. Three hours credit. Hansen.

History

- 1x. History of Modern Europe, 1500-1680. Three hours credit. Snow.
- 2x. History of Modern Europe, 1680-1815. Continuation of course 1. Three hours credit. Snow.
- 3x. History of Modern Europe, 1815 to Present Time. Three hours credit. Snow.
- 10x or 11x. History of England. Three or six hours credit. Wilson.

- 18x or 51x. History of Civilization. Four hours credit. Snow.
20, 21, 22. American History. Nine hours credit. Jensen.
54x. Greek History. Three hours credit. Sperry.

Home Economics

- 10x. Elementary Nutrition. Two hours credit. Barlow.
80. Household Administration. Three hours credit. Warnick.

Journalism

- 2x. Newswriting. Three hours credit. Culmsee.
52x. Feature Writing. Three hours credit. Culmsee.

Marketing

57. Principles of Marketing. Three hours credit. Johnson
58. Principles of Merchandising. Three hours credit. Johnson.
59. Principles of Advertising. Three hours credit. Johnson.

Mathematics

11. College Algebra. Five hours credit. Marshall.
12. Plane and Spherical Trigonometry. Five hours credit.
Marshall.
49. Analytic Geometry. Five hours credit. Hales.
50. Differential Calculus. Four hours credit. Hales.
51. Integral Calculus. Four hours credit. Hales.

German

- 13x. Directed German Reading. Three hours credit. Prerequisite,
ten hours of German. de Jong.
57x, 58x, 59x. Directed German Reading. Three hours credit
for each course. Prerequisite, fifteen hours of German.
de Jong.
67x. German Composition. Three hours credit. Prerequisite,
eighteen hours of German. de Jong.

French

- 3x. Directed French Reading. Three hours credit. Prerequisite,
ten hours of French. Cummings.
57x, 58x, 59x. Directed French Reading. Three hours credit for

each course. Prerequisite, fifteen hours of French. Cummings.

- 67x. French Composition. Three hours credit. Prerequisite, eighteen hours of French. Cummings.

Spanish

- 13x. Directed Spanish Reading. Three hours credit. Prerequisite, ten hours of Spanish. Cummings.

- 57x, 58x, 59x. Directed Spanish Reading. Three hours credit for each course. Prerequisite, fifteen hours of Spanish. Cummings.

- 67x. Spanish Composition. Three hours credit. Prerequisite, eighteen hours of Spanish. Cummings.

Music

- 81x, 82x, 83x. History of Music. Six hours credit. Madsen.

Physical Education

94. Tests and Measurements in Physical Education. Three credit hours. Hart.

Physics

16. Descriptive Astronomy. Four hours credit. Hales.

21. Meteorology. Four hours credit. Hales.

Psychology

11. General Psychology. Five hours credit. Poulson.

21. Elementary Educational Psychology. Three hours credit. Dusenberry.

64. Applied Psychology. Four hours credit. Poulson.

- 71x. Mental Hygiene. Two hours credit. Poulson.

74. Advanced Educational Psychology. Four hours credit. Poulson. Prerequisite, three hours of Elementary Psychology.

Religious Education

- 3x. Church History. Two hours credit. Wilson.

4. Literature of the Bible. Two hours credit. Merrill.

14. Genealogy. Two hours credit. Sudweeks.

19. Doctrine and Missionary Method. Two hours credit. Ivins.

20. History of Religious Propaganda. Two hours credit. Ivins.
66, 67. Old Testament History. Two or four hours credit.
Martin.
77, 78, 79. Scout Leadership. Six hours credit. Anderson.

Sociology

- 11-12 or 55-56. Elementary Principles of Sociology. Six hours
credit. Christensen.
53. Rural Sociology. Three hours credit. Christensen.

Speech

1. Public Speaking. Three hours credit. Pardoe.
51. Advanced Public Speaking. Three hours credit. Pardoe.
72. Theory of Play Production. Three hours credit. Morley.
91. Methods of Teaching Speech. Three hours credit. Morley.
95. Speech Correction. Three hours credit. Morley.

Zoology and Entomology

20. Health Education. Three hours credit. Hayward.
32. Insect Classification. Credit to be arranged. Tanner.
32x. Apiculture. Three hours credit. Wakefield.
75. History of Zoology. Three hours credit. Tanner.
79. Eugenics. Three hours credit. Tanner.
93. Field Zoology. Credit to be arranged. Tanner.

HIGH SCHOOL COURSES

English

- d. A Study of the Types of Literature. One unit credit.

Geography

- a. Economic Geography. One unit credit. Coffman.

Mathematics

- a. High School Algebra. One unit credit. Marshall.
b. Plane Geometry. One unit credit. Coffman.
c. Second Course in Algebra. One unit credit. Marshall.
d. Solid Geometry. One-half unit credit. Marshall.

Training Schools

AMOS N. MERRILL, Acting Dean of College of Education

EDGAR M. JENSEN, Director, Training Schools

Supervisors

- A. N. MERRILL, Secondary Training.
- EDGAR M. JENSEN, Secondary Training.
- A. C. LAMBERT, Secondary Training.
- W. H. BOYLE, Secondary Training.
- G. L. WOOLF, Secondary Training.
- HERMESE PETERSON, Elementary Training.
- REUBEN D. LAW, Elementary Training.
- EMMA BROWN, Elementary Training.

Secondary School Faculty

- G. L. WOOLF, Principal, French, Civics, Theology
- C. LAVOIR JENSEN, Mathematics
- W. ELMO COFFMAN, Geography and Physics
- HUGH W. PETERSON, Science.
- STELLA P. RICH, English, Theology
- WM. H. BOYLE, Economics and Sociology
- BILLIE HOLLINGSHEAD, Social Science
- VIRGINIA B. POULSON, Home Economics, Theology
- WILFORD D. LEE, English, Theology
- THOMAS BROADBENT, German, English, Social Science, Theology
- ANTONE NISSON, Science, Mathematics
- EVAN CROFT, Office Practice
- C. J. HART, Physical Education Critic Teacher
- DAVID CROWTON, Physical Education, Coach
- WILMA JEPPSON, Physical Education
- FERRIS EDGELY, Music
- MARY MCGREGOR, Music
- DONALD OLSEN, Violin Ensemble
- VERLA BIRRELL, Art
- PERCIVAL BIGELOW, Shop Work
- WILLIAM H. SNELL, Shop Work and Mechanical Drawing
- MORRIS CLINGER, Speech
- MAY BILLINGS, Sewing

Elementary School Faculty

HERMESE PETERSON, Principal.
 JOSEPHINE M. STRONG, Kindergarten.
 MAY C. HAMMOND, First Grade
 LOLA C. JENSEN, Second Grade
 FLORA FISHER, Third Grade
 GLADYS KOTTER, Fourth Grade
 GEORGIA MAESER, Fifth Grade
 L. ELLIOTT TUTTLE, Sixth Grade

ORGANIZATION AND PURPOSE

The Training Schools are organized on a kindergarten 6-3-3 basis; viz: a kindergarten, an elementary division, a junior and a senior high school.

Students enrolled in the training schools have all the advantages of the University plant such as the use of the libraries, gymnasiums, laboratories, shops, athletic fields, auditorium, etc. These enlarged opportunities, with the advantages of expert teachers, make the training schools especially attractive and advantageous to students of elementary and high school age.

Provisions are made for promotions from grade to grade and from one division to another so that pupils may enter either the kindergarten or first grade and remain in continuous attendance until they are graduated from one of the colleges of the University. The educational welfare of the students is safeguarded by an enriched curriculum. In addition, provisions are made for moral and religious training every year the student is in attendance.

ELEMENTARY TRAINING SCHOOL

The elementary training school covers the range from the kindergarten through the first six grades.

The enrollment in this department is limited to the number of pupils who can be adequately cared for in each grade. Priority of application is the basis upon which students are enrolled.

A staff of especially well-qualified instructors, with the facilities offered by the university and the assistance given by student teachers and special instructors provides wide range of experience for the children. Much attention is given to individual needs and interests and to the development of special abilities. The aim is to exhibit as completely as possible a pattern of a modern progressive school in action.

This department serves as a laboratory in modern school practice for the training of student teachers in the field of elementary education, and for the testing of current educational theory.

JUNIOR HIGH SCHOOL

Pupils completing the first six grades are regularly promoted to the Junior High School. Here departmentalization begins, permitting of variation in courses and a wide range of contact with expert instructors. Entrance to the Senior High School is based upon the completion of the courses outlined for the Junior High School. A maximum of four units plus one year of Theology credit will be allowed for ninth year work to count toward filling group requirements and towards graduation from the Senior High School for those pupils coming from schools which do not maintain a Junior High School.

SENIOR HIGH SCHOOL

Students will be graduated from the Senior High School upon completion of twelve units of work in the Senior High School. These twelve units of work with the exception of algebra and foreign languages, must be secured in Senior High School and must include all the constants prescribed.

AIMS AND REGULATIONS

It is the purpose of the high school to develop in its students, habits of regularity, punctuality and industry. Willing and serious application to the tasks at hand is considered of fundamental importance in meeting life situations. It is the aim of the school to have students work vigorously during the day in order to develop the above qualities and to minimize home preparation of lessons. To achieve these aims, the following regulations apply to those enrolled:

(1) Students are accountable to the school for all their time during the school day, except the noon hour, from 8:30 A. M. until 3:30 in the afternoon, provided no classes are held after that time. Permission should be obtained from the principal and teachers in case students are required to leave the school at any time during the day. Such permission should be obtained prior to departure. Attendance at study sessions is as obligatory upon the student as are class recitations.

(2) All L. D. S. students are required to register for Theology. Students who fail continually to do satisfactory work in their courses in any department will not be permitted to remain in classes.

(3) Students are required to take the regulation courses in physical education during residence at this school. Students are released from this requirement only upon statement of physical disability signed by a competent physician. Satisfactory grades in physical education courses are required for graduation.

High School Activities

Under the direction of the faculty and the student body organization, an adequate program of athletic and social activities is provided for the junior and senior high school students.

All high school groups have regular social gatherings and recreational activities under faculty supervision and guidance. They have competitive activities in athletics, debating and public speaking, and essay writing. Each year the school produces a dramatic or a musical program. The school is a member of the State High School Debating Association and the Utah High School Athletic Association. In addition to these opportunities for extra-curricular activity a regular High School Student Body organization is maintained with the various activities that naturally are sponsored by such organizations. The high school students have also the advantage of participation in the regular activities of the University student body life.

Credit

Those classes which require outside preparation which meet five days each week for full fifty minutes, and which continue for the full school year of 36 weeks of actual class work carry one unit of credit. In some cases students may transfer nine hours college credit for one unit of high school credit.

Students who register late or who discontinue before the end of the school year or miss a portion of their work during the school year can receive no higher grade than "Incomplete" until the required work of the course is completed. An incomplete grade carries no credit. Such a grade may be removed within one year and credit received.

SECONDARY TRAINING SCHOOL CURRICULUM

Junior High School

7th Grade

Subjects

Constants: Religion Class, Physical Education, English I, Geography, Mathematics I, Music, Reading, Domestic Science and Art, and Study Periods.

Electives: Art, Orchestra.

8th Grade**Subjects**

Constants: Religion Class, Physical Education, English II, General Science, History, Mathematics II, Music, Reading, and Study Periods.

Electives: Art, Orchestra.

9th Grade**Subjects**

Constants: Religion Class, Physical Education, English, Biology, Community Civics.

Electives: Art, Algebra, Chorus, Domestic Science, Domestic Art, Orchestra, Shop, and Theory of Music.

Senior High School

Students desiring to graduate from the B. Y. U. High School and to qualify for college entrance at the same time, are required to register for the following courses:

Grade X. English B, Theology B, Physical Education.

Grade XI. English C,* Theology C, Physical Education.

Grade XII. Sociology and Economics, Theology D, Physical Education.

Sometime during Senior High School: Algebra (unless taken in grade IX) or Geometry, American History or European History, Physics or Chemistry.

Special courses may be planned for those high school students who do not intend to be officially graduated from high school or who do not intend to go to college.

Senior High School Courses

Subject	Days		Year Taken	Credit
Art				
Art	2	Elective	10 to 12	½ unit
Business				
Accounting-Elem.	5	Elective	10 to 12	1 unit
Accounting-Adv.	5	Elective	11 to 12	1 unit
Shorthand	5	Elective	11 to 12	1 unit
Typewriting, Elem.	5	Elective	10 to 12	½ unit
Typewriting, Adv.	5	Elective	10 to 12	½ unit

*Under special conditions approved by the principal, English D may be substituted for English C

Subject	Days		Year Taken	Credit
English				
Composition, Literature and Grammar	5	Constant	11	1 unit
Grammar and Literature	5	Constant	10	1 unit
Literature	5	Elective	10 to 12	1 unit
Home Economics				
Dressmaking	5	Elective	10 to 12	$\frac{1}{2}$ unit
Homemaking	5	Elective	10 to 12	1 unit
Language				
French A or B	5	Elective	10 to 12	1 unit
Latin A	5	Elective	10 to 12	1 unit
German A or B	5	Elective	10 to 12	1 unit
Mathematics				
Algebra*	5	Elective	10 to 12	1 unit
Geometry*	5	Elective	10 to 12	1 unit
Arithmetic (Bus.)	5	Elective	10 to 12	1 unit
Music				
Chorus	4	Elective	10 to 12	$\frac{1}{4}$ unit
Orchestra	5	Elective	10 to 12	$\frac{1}{2}$ unit
Theory of Music	3	Elective	10 to 12	$\frac{1}{2}$ unit
Physical Education				
Physical Ed. (Girls)		Constant	9 to 12	$\frac{1}{4}$ unit
Physical Ed. (Boys)		Constant	9 to 12	$\frac{1}{4}$ unit
Religious Education				
Theology B	3	Constant	10	$\frac{1}{2}$ unit
Theology C	3	Constant	11	$\frac{1}{2}$ unit
Theology D	3	Constant	12	$\frac{1}{2}$ unit
Science				
Physics*	5	Elective	10 to 12	1 unit
Physiology (1 sem.)	5	Elective	10 to 12	$\frac{1}{2}$ unit
Chemistry*	5	Elective	10 to 12	1 unit
Botany (1 sem.)	5	Elective	10 to 12	$\frac{1}{2}$ unit
Shop				
Auto Mechanics	5	Elective	10 to 12	$\frac{1}{2}$ unit
Drafting A or B	5	Elective	10 to 12	$\frac{1}{2}$ unit
Woodwork A or B	5	Elective	10 to 12	$\frac{1}{2}$ unit

*These subjects are only partially elective as either one or the other in each group must be taken.

Subject	Days		Year Taken	Credit
Social Science				
American History*	5	Elective	10 to 12	1 unit
European History*	5	Elective	10 to 12	1 unit
Economics and Sociology	5	Constant	10 to 12	1 unit
Geography	5	Elective	10 to 12	½ unit
Psychology (each sem.)	5	Elective	10 to 12	1 unit
Speech				
Dramatic Art	5	Elective	10 to 12	½ unit
Public Speaking	5	Elective	10 to 12	½ unit

*These subjects are only partially elective as either one or the other in each group must be taken.

Graduates 1936-37

MASTER DEGREES

Master of Arts

- BROADBENT, THOMAS L.**.....Provo
 A. B. Degree, Brigham Young University, 1936.
 Major: German.
 Thesis: A Preliminary Study of German-English Deceptive Cognates .
- BUTLER, DAVID A.**.....Eagar, Arizona
 A. B. Degree, Brigham Young University, 1919.
 Major: Chemistry.
 Thesis: Fluorine Determinations in Mineral Supplements Fed to Poultry.
- CULMSEE, CARLTON F.**.....Provo
 B. S. Degree, Brigham Young University, 1932.
 Major: English.
 Thesis: The Classicism of Ben Jonson.
- GIBB, JACK R.**.....Portland, Oregon
 A. B. Degree, Brigham Young University, 1936.
 Major: Psychology.
 Thesis: The Relative Effects of Sleep and Waking Periods in the Retention of Nonsense Syllables.
- ISRAELSEN, VERNON L.**.....Monroe
 B. S. Degree, Utah State Agricultural College, 1929.
 Major: Religious Education.
 Thesis: Changes in the Number and the Priesthood Quorum Affiliation of Ward Teachers in the Church of Jesus Christ of Latter-day Saints from 1920 to 1935.
- JOHNSON, CLAIR W.**.....Provo
 A. B. Degree, Brigham Young University, 1931.
 Major: Theory of Music.
 Thesis: Problems Pertaining to the Instruction and Administration of High School Bands.
- LEE, WILFORD D.**.....Provo
 A. B. Degree, Brigham Young University, 1934.
 Major: English.
 Thesis: Mathew Arnold as a Forerunner of the New Humanism.
- McINTIRE, FLOYD C.**.....Price
 A. B. Degree, Brigham Young University, 1936.
 Major: Chemistry.
 Thesis: Preparation and Properties of Diphenylthiocarbazone.

- PETERSON, HOWARDProvo
 A. B. Degree, Brigham Young University, 1935.
 Major: Agronomy.
 Thesis: The Physical, Chemical, and Microbiological Conditions of the Soil on the Foothills at the Base of the Wasatch Mountains, Utah County.
- PITCHER, WALTER H.....Cardston, Alberta, Canada
 A. B. Degree, Brigham Young University, 1935.
 Major: Chemistry.
 Thesis: A Comparative Study of Calcium, Magnesium, Phosphorus, and Reducing Sugars in the Blood of Healthy and Diseased Hens.
- PROBST, REED G.Bancroft, Idaho
 B. S. Degree, Utah State Agricultural College, 1930.
 Major: Religious Education.
 Thesis: A Study of Fifty-seven Returned Missionaries of the Church of Jesus Christ of Latter-day Saints.
- RICHARDS, HORACE S. E.....Salt Lake City
 A. B. Degree, University of Utah, 1934.
 Major: Zoology and Entomology.
 Thesis: A Critical Study of the Lizards of Utah.
- TANNER, WILMER W.....Provo
 A. B. Degree, Brigham Young University, 1936.
 Major: Zoology and Entomology.
 Thesis: A Critical Study of the Serpents of Utah.

Master of Science

- BECK, JOHN MILTON.....Payson
 B. S. Degree, Brigham Young University, 1936.
 Major: Education.
 Thesis: A Study of Certain Factors that Indicate the Social and Economic Status of Teachers in Nebo School District, Utah, 1936-1937.
- CHRISTENSEN, HAROLD T.....Provo
 B. S. Degree, Brigham Young University, 1935.
 Major: Sociology.
 Thesis: A Comparative Study of Family Fertility based on 1670 Couples in Utah County, Utah; 1905-1935.
- FISHER, ELTONSan Francisco, California
 B. S. Degree, Brigham Young University, 1936.
 Major: Chemistry.
 Thesis: Some Factors Influencing the Rate of Oxidation of Sodium Sulfito By Free Oxygen.
- GROBERG, LE ROI B.Fillmore
 B. S. Degree, Brigham Young University, 1930.
 Major: Religious Education.
 Thesis: A Preliminary Study of Certain Activities, Religious Attitudes, and Financial Conditions of Seventy-

four Returned Missionaries Residing in Wayne Stake,
Utah.

HANSON, WILLIAM F. Provo

B. S. Degree, Brigham Young University, 1936.

Major: Theory of Music.

Thesis: The Lure of Tam-man Nacup, Spring Time
Festival of the Utes.

McGUIRE, JOHN H. Provo

B. S. Degree, Brigham Young University, 1935.

Major: Botany.

Thesis: Influence of Over-Grazing on the Number and
Density of Palatable and Unpalatable Plants.

MORRILL, A. REED. Roosevelt

B. S. Degree, Brigham Young University, 1928.

Major: History.

Thesis: History of the Uintah Basin.

SMITH, SOPHRONIA. Snowflake, Arizona

B. S. Degree, Brigham Young University, 1937.

Major: History.

Thesis: A Historical Survey of the Northeastern Section
of Arizona, Its Settlement and Development into Lat-
ter-day Saint States, 1876-1937.

SNOW, ELLA PEARL. Provo

B. S. Degree, Brigham Young University, 1928.

Major: Education.

Thesis: A Study of the Results Following the Application
of the Directed Reading Program at the Farrer Junior
High School, Provo, Utah.

WOODRUFF, ASAHIL D. Escalante

B. S. Degree, Brigham Young University, 1936.

Major: Education.

Thesis: A Study of Marks Given to Students at Brigham
Young University in the School Year 1935-1936.

COLLEGE OF APPLIED SCIENCE

B. S. Degree

Banks, W. Merrill Provo

Carter, Norval Lehi

Christensen, Paul D. American Fork

Crosby, Lena Provo

Dean, Ernest H. American Fork

Fish, Lalovi Snowflake, Arizona

Folster, Maxine Panguitch

Giles, Fred N. Provo

Holdaway, Lyle Provo, R. D.

Holdaway, Marjorie Pleasant Grove

Johnson, Wanda Vernal

Madsen, Harold Provo

Rockwood, Oleah	Salt Lake City
Scott, Mark J.	Provo, R. D.
Seegmiller, Deola	St. George
Smith, Jean	Pleasant Grove
Taylor, Nile Nielson	Preston, Idaho
Tippets, Don Harold	Cowley, Wyoming
Walker, Ellen	American Fork

COLLEGE OF ARTS AND SCIENCES

A. B. Degree

Bradford, Reed H.	Spanish Fork
Call, Willard A.	Seattle, Washington
Clark, James Kyle	Provo
Cooper, Robert P.	Provo
Eastmond, Elbert John	Provo
Eastmond, Margaret Hull	Provo
Ellis, J. Bruce	Spring City
Freestone, John Victor	Los Angeles, Calif.
Hardy, D. Elmo	Spanish Fork
Hinckley, Beulah	Salt Lake City
Holley, Wayne Dallas	Mapleton
Hudson, Roy	Evanston, Wyoming
Huff, Esther	Provo R. D.
Hughes, Joseph Walden	Spanish Fork
Hunt, Austin	Bunkerville, Nevada
Hunt, Burton P.	Pine, Arizona
Jarvis, George Albert	St. George
Martin, Raymond	Samaria, Idaho
Martineau, June	Pocatello, Idaho
Mercer, Luana	Bountiful
Monk, Ralph W.	Spanish Fork
Monson, Jesse H.	Pleasant Grove
Moore, W. Harvey	Spanish Fork
Pierce, Ireta May	El Paso, Texas
Reeder, William H.	Ogden
Riordan, Marguerite	Mosca, Colorado
Seaton, Francis M.	Price
Sellers, Jean Moore	Provo
Smith, Phill O.	Panguitch
Steele, Stanford	Lago, Idaho
Swenson, Albert Donald	Provo
Walker, Fay Harris	Raymond, Alta, Canada
Whitehead, Calvert W.	St. George

B. S. Degree

Adair, J. Smith	Provo
Batty, J. Vance	Provo
Comer, Nola	Lehi

Creer, J. Roscoe	Spanish Fork
Farnsworth, Raymond B.	Enterprise
Gardner, Reid B.	Spanish Fork
Hall, Maurice Barker	Santaquin
Hunn, Dorothy	Provo, R. D.
Jensen, Cannon Hibbert	Provo
Jensen, J. Seymour.....	Mt. Pleasant
Jolley, Udell	Provo
Ludlow, J. Lewis	Benjamin
Mason, Grant	Richfield
McDonald, Winnifred L.	Midvale
Moore, Huish	Payson
Morrill, J. Glenn	Tridell
Mortensen, A. Russell	Provo
Neilson, R. Clark	Provo
Nelson, LaRelle	Rexburg, Idaho
Newell, Rulon D.	Elsinore
Paxman, Arthur A.	St. George
Peterson, Ethelyn	Ephraim
Poulson, Merritt Lee	Scipio
Redd, P. Vincent	Blanding
Rowley, Ernest E.	Cedar City
Sheffield, Erwin Lowell	Kaysville
Smith, Sophronia.....	Snowflake, Arizona
Stephens, Kirk Anderson	Bayside, N. Y.
Stokes, Wm. Lee	Cleveland

COLLEGE OF COMMERCE

A. B. Degree

Brimhall, Wells Smoot	Provo
Nielson, H. Reed	Monroe
Friday, Leland F.	American Fork
Sellers, Doyle Davis	Provo
Stoddard, George E.	Flushing, N. Y.
Young, Clifford E., Jr.	American Fork

B. S. Degree

Andrews, Max. S.	Provo R. D.
Ashby, Melvin J.	Leamington
Benson, Max L.	Moreland, Idaho
Breinholt, Floyd E.	Ephraim
Bullock, Cecil I.	Pleasant Grove
Chadwick, Barratt	American Fork
Clark, Eugene E., Jr.	Ogden
Clark, Ezra T.	Bountiful
Decker, Webster	Kirtland, New Mexico
Dickson, Ned B.	Cowley, Wyoming

Grimes, A. Milton	Provo
Hall, M. Laverl	Eagar, Arizona
Hayward, Dwight Willard	Rupert, Idaho
Jensen, Henry	Riverton
Kavachevich, Melvin Wm.	Provo
Kendall, Bessie Marie	Nephi
Knight, Richard B.	Provo
Lewis, Murray R.	Moroni
Manwaring, Gladys	Rexburg, Idaho
Maxwell, Marvin Eldridge	Eagar, Arizona
McKnight, H. Neil	Moreland, Idaho
Murdock, John R.	Heber
Murphy, Paul	Upalco
Owen, John R.	Kenilworth
Page, Fred T.	Payson
Robinson, Don Stanley	American Fork
Romney, Orin N., Jr.	Col. Dublan, Chih., Mexico
Sabin, Virgil David	Boise, Idaho
Seaman, J. Gordon	Salt Lake City
Taylor, Howard D.	Payson
Taylor, Mattie	Spokane, Washington
Thornton, J. Max	Delta
Van Patten, Boyce	Springville
Warnick, Don C.	Provo
Warnick, Erma	Provo
Weight, Wilford A.	Provo
Wilson, Woodrow S.	Provo
Winder, E. Joseph	Vernal
Woolley, Henry Alexander	Santa Monica, Calif.

COLLEGE OF EDUCATION

A. B. Degree

Ashcroft, Clarcia	Eagar, Arizona
Bagley, Vera	Provo
Black, Emily	El Paso, Texas
Bowman, Mina W.	Col. Juarez, Chih., Mexico
Browning, Claramay	Ogden
Browning, Eva Ruth	Ogden
Christensen, LaVerl	Hinckley
Ellett, Darwin	Santaquin
Harmer, Dorothy	Springville
Harper, Richard Weston	Oakley, Idaho
Heslop, Lamont Wm.	Plain City
Mortenson, Donald Grant	No. Hollywood, Calif.
Peterson, Edsel A.	Hill Spring, Canada
Peterson, Lois Evelyn	Provo
Rasmussen, Ruth	Rupert, Idaho
Richards, Vernis	Twin Falls, Idaho

Robertson, Izetta Funk	Kane, Wyoming
Rowley, LaRue	Spring Glen
Salisbury, Howard E.	Springville
Smith, Harold H.	Snowflake, Arizona
Smoot, Anita	Provo
Swenson, Helen	Bancroft, Idaho
Wagers, Marjorie J.	Provo
Winward, Morris H.	Whitney, Idaho
Young, Evelyn	Heber

B. S. Degree

Alexander, LaRay	Spanish Fork
Armstrong, Ned	Ephraim
Arnold, Marion	Evanston, Wyoming
Asay, Adelbert B.	Lovell, Wyoming
Ashby, Eda	American Fork
Ball, Wilburn	Lehi
Banner, Laura	Springville
Belnap, Dixie	Rupert, Idaho
Black, Willard	Spring City
Booth, Leona	Provo
Boyle, Wm. Sidney	Provo
Braithwaite, Royden C.	Manti
Brooks, Leland	St. George
Burr, Virginia	R. D. Provo
Carlile, Maurine	Kamas
Christiansen, Del Rae	Monroe
Clegg, Lula	Heber
Cowan, Christine Johnson	Spanish Fork
Cragun, Margaret Hellewell	Lewiston
Dastrup, Dona	Provo
Davis, Mattie A.	Provo
DeHart, William A.	Ogden
Dudley, Marian	Randlett
Dusenberry, Ida Smoot	Provo
Erickson, LaRue	Provo
Gardner, Lincoln B.	Afton, Wyoming
Giles, Earl	Heber
Gourley, Lee M.	Pleasant Grove
Graham, Verena	Fairview
Gunther, Orville	Lehi
Hale, Nathan	Provo
Hall, Clarisse Hyde	Ogden
Handy, Dora	Ogden
Hansen, Lowell F.	Spring City
Harmer, Floss	Springville
Holyoak, Francis J.	Logan
Hughes, Arthur George	Springville
Huish, Lenora V.	Payson

Jensen, Lola C.	Nephi
Jorgensen, Florence	Castle Dale
King, Stella	Grace, Idaho
Knott, Emelia D.	Council Bluffs, Iowa
Larsen, Lyman G.	Castle Dale
Leavitt, Achel J.	Bunkerville, Nevada
Llewellyn, L. Margaret.....	Salt Lake City
McDonald, Jenetta	Brigham City
Mifflin, Devota D.	Malad, Idaho
Moncur, Vern L.	Rupert, Idaho
Nelson, Evan Guy	Helper
Nielsen, Mabel D.	Murray
Palfreyman, Helen	Springville
Peterson, Parlell	R. D. Provo
Proctor, Annie Carol	Spanish Fork
Rasband, Mima	Heber
Reese, Merrill John	Roosevelt
Rigby, M. Verdell	Hinckley
Roper, Rawlin	Oak City
Rowley, Herman	Provo
Sandgren, George Edward	Provo
Schow, Ila	Lehi
Stowell, Irma Louise.....	Rexburg, Idaho
Thomas, Margaret N.	Ogden
Thorderson, Helga	Cleveland
Thorderson, Parley	Cleveland
Turner, Genevieve	Kaysville
Turpin, Marlow	Magna
Utley, Ray	Richfield
Verney, John	Mesa, Arizona
Waldo, Vern H.	Salt Lake City
Wheeler, Melvern S.	Salida, Colorado
Woodward, Jack	Salida, Colorado
Wootton, Marlow V.	Blackfoot, Idaho
Wright, Rosella	Hinckley

COLLEGE OF FINE ARTS

A. B. Degree

Allred, Huitau	Lehi
Bleak, Thelma	St. George
Bowman, Lorraine	Provo
Breinholt, Herbert	Provo
Callahan, Sterling	Provo
Christensen, Maza	Richfield
Christensen, Merlin	Delta
Crowley, Elmer S.	Idaho Falls, Idaho
DeGraff, Elaine	Heber
Dillman, Isabelle	Vernal

Eggertsen, Geraldine	Springville
Ennis, Marguerite	Eagar, Arizona
Jones, E. LeRoi	Bacchus
Laycock, Harold R.	Lethbridge, Alta, Canada
LeSueur, Gordon	Eagar, Arizona
Postma, Frank	Vernal
Schmiett, Bennie	Midvale
Soffe, Orpha M.	Sandy
Sundberg, Marguerite	Idaho Falls, Idaho
Tolhurst, Gilbert	Ogden
Washburn, DeMonte	Monroe
Wendel, Joseph	Frontier, Wyoming
Wheeler, Goldie	Silver City
Wood, Glenna	Hurricane

B. S. Degree

Childs, Berthena	Salt Lake City
Fechser, Ida	Provo
Jackman, Golden L.	Salem
Lundquist, Junior	Ogden
Moffitt, R. Easton	Manti
Perkins, C. Blaine	Price

THREE YEAR NORMAL DIPLOMAS

COLLEGE OF EDUCATION

Allred, Lark	Paris, Idaho
Anderson, Ethel	Elsinore
Anderson, Martha	Oak City
Andrus, Rhoda	St. George
Arave, Dorothy	Hooper
Barton, Una May	Ferron
Beatty, Hilma	Toquerville
Bell, Margaret	Spanish Fork
Brough, Dorothy	Nephi
Brown, Byrl	Koosharem
Brown, Faye Eva	Monroe
Buchanan, Clarence C.	Provo
Bunot, Leone	Salt Lake City
Butterfield, Vilate	Riverton
Carter, Sherman	Minersville
Christensen, Phyllis	Arimo, Idaho
Clark, Maurine	Mesa, Arizona
Coleman, Maude T.	Midway
Cowley, Thora Ann	Venice
Cranney, Hattie	Auburn, Wyoming
Erickson, Elaine	Spring City
Frandsen, Calvin E.	Redmond

Gardner, Marguerite	Spanish Fork
Gurr, Ila	Parowan
Halliday, Rhea	Pleasant Grove
Hansen, Lucille	Mt. Pleasant
Hogge, Leah Marelda	Eden
Jackson, Elda	Manassa, Colorado
Jensen, Duane	Cleveland
Jensen, Marie	Spring City
Johnson, Myrle	Springville
Johnson, Phyllis	Brigham City
Knudsen, Merl	Lehi
Laye, Arma	Richfield
Lowe, Effie	Ogden
Manwaring, Iris	Vernal
Mathis, Melva	New Harmony
Morrill, Gwen	Junction
Morrill, Olive Lemon	Roosevelt
Mortensen, Clara	Mayfield
Murri, Lois	St. Anthony, Idaho
Nielson, Raymond	Centerfield
Oldroyd, Geneel	Venice
Olson, Ruby	Moroni
Ottesen, Mary Annie	Spanish Fork
Pierce, Florence	Roosevelt
Pohlman, Rhoda	Hollister, Idaho
Pratt, Beatrice	Hinckley
Riggs, Veon Mary	St. Johns, Arizona
Shelley, Fern E.	American Fork
Sorenson, Lucille	Monroe
Stevenson, Keith Grange	Mohrland
Strickler, Fredonna	Ogden
Swasey, Laura Loretta	Boneta
Terry, H. Grant	Enterprise
Thompson, Avis	Springville
Tobler, Doris	Washington
Tolboe, Donna	Provo
Tucker, Afton	Provo
Tuft, Allen	Centerfield
Ward, Dorothy	Bloomington, Idaho
Winters, Hannadel	Castle Dale

GRADUATES WITH HIGH HONORS

Ashcroft, Clarcia
 Bagley, Vera
 Banks, W. Merrill
 Banner, Laura
 Brandford, Reed H.
 Christiansen, Del Rae
 Cooper, Robert P.

Eastmond, Elbert John
 Folster, Maxine
 Hall, Maurice B.
 Jarvis, George A.
 Jolley, Udell
 Mercer, Luana
 Moncur, Vern L.

Reeder, William H.
Smoot, Anita
Stoddard, George
Stokes, William Lee

Waldo, Vern H.
Walker, Ellen
Young, Clifford E., Jr.

GRADUATES WITH HONORS

Ashby, Eda
Belnap, Dixie
Call, Willard A.
Hardy, D. Elmo
Holdaway, Lyle
Hunn, Dorothy
Hunt, Austin G.
Leavitt, Achel J.
LeSueur, Gordon B.
Manwaring, Gladys

Martineau, June
Murdock, John R.
Peterson, Ethelyn
Postma, Frank
Richards, Vernis
Rigby, M. Verdell
Smith, Jean
Swenson, Albert Donald
Swenson, Helen
Wagers, Marjorie

Enrollment of Students

1936-37

In the following list "A" stands for arts and science; "ap" for applied science; "C" for commerce; "e" for education; "fa" for fine arts; "G" for graduate; "ss" for summer school; "S" for senior; "J" for junior; "So" for sophomore; "F" for freshman; "Un" for unmatriculated; and "Sp" for special.

Aagard, John H., a-F	Fountain Green
Abbott, Lane M., ap-F	Hinckley
Abegg, Moroni L., ss	Colonia Dublin, Mexico
Acord, Golda, ss	Spring City
Adair, J. Smith, a-S	Provo
Adams, Dezzie, c-F	Pleasant Grove
Adams, Elsie Dee, ss-a-So	Provo
Adams, Josephine, c-So	Lehi
Adams, Lavona, ss	Central, Ariz.
Adams, Loraine S., a-F	Midvale
Adams, D. Stanley, ss	Sandy
Adamsen, Nadene, c-So	American Fork
Ahlender, J. Fred, c-F	Provo
Albrecht, Clarence J., ss	Fremont
Alder, Doris, c-F	Provo
Alder, Ralph J., a-S	Provo
Alexander, LaRay, e-S	Spanish Fork
Alexander, Wilda F., e-Un	Vernal
Alleman, Harold, ss	Springville
Alleman, Jane, ss	Springville
Alleman, LaRae, fa-F	Springville
Allen, Cheer, fa-F	Provo
Allen, Cleo, fa-F	Roosevelt
Allen, Edward C., ss-e-So	Salt Lake City
Allen, Mrs. Jessie, ss	Pioche, Nevada
Allan, S. Loraine, fa-F	Springville
Allen, Glen L., a-F	Provo
Allan, Leland E., a-F	Springville
Allen, R. Scott, a-So	Provo
Allen, Ruby, e-F	Delta
Allen, Verle, e-So	Las Vegas, Nev.
Allred, Anna L., c-Sp	Cardston, Alberta, Canada
Allred, Arline P., ap-So	Lehi
Allred, Beth, ap-F	Talmage
Allred, C. McKay, a-J	Provo
Allred, Darwin L., a-So	Spring City
Allred, Douglas A., ss	Vulcan, Alberta, Canada
Allred, Edra, ss	Spring City
Allred, J. Eldred, a-J	Talmage
Allred, A. Fullmer, ap-J	Lehi
Allred, Hilton M., a-F	Ten Sleep, Wyoming
Allred, Huitau L., fa-S	Lehi
Allred, Kenneth R., ss-a-J	Cardston, Alberta, Canada
Allred, Lark, e-J	Paris, Idaho
Allred, Lee, W., ss	Spring City
Allred, Loa, ss	Spring City
Allred, Lydia, e-So	Provo
Allred, Reid H., ss	Spring City
Alsop, Deane H., fa-J	Murray
Anderson, Audra A., e-F	Auburn, Wyoming
Anderson, G. Alton, ss	Rexburg, Ida.
Anderson, Bette, e-J	Salt Lake City
Anderson, Blaine E., ss	Mayfield
Anderson, Carl F., a-F	Provo
Anderson, Chester C., a-F	McKinnon, Wyoming
Anderson, Claudia D., fa-F	San Pedro, Calif.
Anderson, Clyde, ss	Fountain Green
Anderson, Donna, e-F	Monroe
Anderson, Don R., c-So	Springville
Anderson, Ethel, e-J	Elsinore
Anderson, Evan L., a-F	Spanish Fork
Anderson, Ferrel L., e-F	Richfield
Anderson, Gertrude, e-So	Lehi
Anderson, George M., ss	Moroni
Anderson, Gerald J., ss	Price
Anderson, L. Glade, d-F	Spanish Fork
Anderson, Hazel L., fa-F	Spanish Fork
Anderson, J. Ivan, a-J	Junction
Anderson, James G., ss	Price
Anderson, Keith P., a-F	Spanish Fork
Anderson, Jennie, ss	Provo
Anderson, J. Lee, ss	Milford
Anderson, Louise, ss	Declo, Idaho
Anderson, Majel, e-F	Spanish Fork
Anderson, Marcella, e-F	Huntington
Anderson, Margaret, e-Un	Provo
Anderson, Mark K., e-J	Junction
Anderson, Martha, e-J	Oak City
Anderson, Mary, fa-J	Manti
Anderson, Maryan S., c-Un	Minneapolis, Minnesota
Anderson, Maye, ss	Declo, Idaho
Anderson, Myra T., ss	Otto, Wyo.
Anderson, Norvel, a-F	Oak City
Anderson, Rae, fa-J	Mt. Pleasant
Anderson, H. Reese, ss	Mt. Pleasant
Anderson, Rheta, fa-F	Moroni
Anderson, Ruth, a-F	Farmington
Anderson, S. Dwight, a-J	Richfield

Anderson, Sylva, e-So.....Richfield
 Anderson, Ted L., fa-J.....Ephraim
 Anderson, Vera, c-F.....Lehi
 Anderson, Victor E., ap-J.....Junction
 Anderson, Zola, e-So.....Oak City
 Andrew, Glenn, a-F.....Provo
 Andrews, Max S., c-S.....Provo
 Andrews, Robert B., a-F.....Roosevelt
 Andrus, Alma, c-F.....Spanish Fork
 Andrus, Gwen, a-So.....Holladay
 Andrus, LaMar, e-So.....Idaho Falls, Ida.
 Andrus, Lois, e-Un.....Idaho Falls, Ida.
 Andrus, Rhoda, e-J.....St. George
 Andrus, Wanda, fa-So.....Holladay
 Angel, Clifford E., e-F.....Ely, Nev.
 Angerbauer, Ella, e-J.....Brigham City
 Applegate, Lewis, ap-F.....Circleville
 Applegate, Owen J., ap-So.....Circleville
 Arave, Dorothy D., e-J.....Hooper
 Armstrong, Milton G., ss.....Ephraim
 Armstrong, Ned J., ss.....Ephraim
 Arnold, Lewis T., ap-F.....Price
 Arnold, Mae, ss.....Huntington
 Arnold, Marion A., e-S.....
Evanston, Wyoming
 Assay, Lyle A., ss.....Monroe
 Ashby, Bonna, ap-J.....American Fork
 Ashby, Eda, e-S.....American Fork
 Ashby, Melvin J., c-S.....Leamington
 Ashcroft, Clarcia, e-S.....Eagam, Ariz.
 Ashman, Jeanne, e-F.....Richfield
 Ashworth, Philip M., a-So.....Provo
 Atkinson, Helen, c-F.....Garland
 Avery, McKay, fa-F.....Venice
 Aycock, Kenneth, c-So.....Vernal
 Aycock, Mulford H., c-S.....Vernal
 Ayers, Bessie, fa-F.....Provo
 Aylworth, Lowell P., a-So.....Richmond

 Babbitt, Ione, e-So.....Mesa, Ariz.
 Bagley, Vera, ss-e-So.....Provo
 Bagwell, LaVere N. c-So.....
Manassa, Colorado
 Bahr, A. Francis, ap-J.....
Idaho Falls, Idaho
 Bahr, Louie Jean M., c-J.....Fairview
 Bailey, Lorraine, c-F.....Spanish Fork
 Bailey, Oralie, fa-J.....Logan
 Bailey, Thell A., a-J.....Sanford, Colo.
 Bailey, Wm. Henry, ss-G.....Manti
 Baker, Gene L., a-So.....Springville
 Baker, Grant W., fa-J.....Magna
 Baker, Yvonne, a-F.....Springville
 Bakes, Sara A., ss.....Beaver
 Ball, A. Elden, c-J.....Idaho Falls, Ida.
 Ballantyne, Merrel C., c-F.....
Bend, Oregon
 Ballard, Cleo M., e-F.....Bouniiful
 Ballard, Ross L., c-F.....Draper
 Ballard, Virgil, e-J.....Albion, Ida.
 Balle, Harry R., ss.....Glenwood
 Baldwin, Thora, ss.....Salt Lake City
 Ballinger, Alma, e-J.....Salt Lake City
 Balls, Florence L., c-F.....
Soda Springs, Idaho
 Balls, Harold G., a-J.....
Soda Springs, Idaho

Bandley, Marion K., c-J.....Provo
 Bangarter, William G., e-F.....
Salt Lake City
 Banks, Earl, a-J.....Lehi
 Banks, Wallace, a-So.....Lehi
 Banks, Wm. Merrill, ss-ap-S.....Provo
 Banner, Laura, e-S.....Provo
 Barber, But, e-J.....Provo
 Barber, Frank W., ss.....Hurricane
 Barclay, Marie, c-F.....Blackfoot, Ida.
 Bardsley, Jacqueline D., e-So.....
Santaquin
 Barkdull, Mary, e-F.....Salt Lake City
 Barker, A. Eugene, c-F.....Fairview
 Barker, Phillis, c-J.....Ogden
 Barlow, Francis, e-So.....Grouse Creek
 Barnes, Alta Leora, ss.....Wellington
 Barnett, Wilmer L., ss.....Spanish Fork
 Barney, Jennie, ss.....Annabella
 Barr, Mary Elsie, G.....Columbus, Ohio
 Barrett, Thom W., a-So.....Provo
 Bartholomew, Calvin H. e-J.....Fayette
 Bartholomew, Glen L., ss.....Ephraim
 Bartholomew, Helen, ap-F.....Springville
 Bartholomew, Virga, a-J.....Springville
 Bartholomew, Wm. Victor, a-So.....
Fayette
 Bartlett, Gertrude, c-F.....Vernal
 Bartlett, Lucile, ss.....Hooper
 Barton, Gerald B., a-So.....Greenville
 Barton, Louise E., fa-J.....Mt. Pleasant
 Barton, Una, e-J.....Ferron
 Bascom, Earl W., ss.....Raymond, Can.
 Batchelor, Anna, fa-Sp.....Provo
 Bateman, June B., e-J.....Rupert, Idaho
 Bateman, Max, c-So.....Salt Lake City
 Bates, Thora, e-F.....Murtaugh, Idaho
 Batty, J. Vance, a-S.....Provo
 Baum, Thomas I., a-F.....Heber
 Baxter, Elwood, ss.....Pleasant Grove
 Bean, Clara, ss.....Provo
 Bean, Fay M., c-So.....Provo
 Bean, Helen, ss.....Provo
 Beard, Ralph O., c-F.....Nephi
 Beardall, Leslie R., a-F.....Springville
 Beatty, Helma, e-J.....Toquerville
 Beck, Fern S., ap-F.....Provo
 Beck, Jennie, ap-J.....Monroe
 Beck, J. Milton, Jr., G.....Payson
 Beck, Annie Rowe, a-So.....Spanish Fork
 Beck, Ted C., a-F.....Santa Monica, Calif.
 Beck, Wayne M., fa-So.....Payson
 Beck, Woodrow W., e-J.....Centerfield
 Beckstead, Chad.....Midvale
 Beckstead, Oral Alice, ss.....Midvale
 Beckstrand, Evan A., a-So.....Meadow
 Beckstrand, Monte V., c-F.....Meadow
 Beckstrom, Reid J., a-F.....Panguitch
 Bee, James W., a-S.....Provo
 Beesley, Irene W., e-F.....Ogden
 Beeston, J. Mack, c-F.....Fillmore
 Behrmann, Illa, ss-e-So.....Allison, Colo.
 Behunin, Ethel, a-Sp.....Bicknell
 Bell, S. Ferris, fa-So.....Grantsville
 Bell, Margaret, e-J.....Spanish Fork
 Belnap, Dixie, ss-e-S.....Rupert, Ida.
 Bench, Rees E., G-ss.....Provo

Benedict, Helen, ss	Levan
Bennett, C. Leslie, ss	Huntington
Bennett, Faun A., ss	Deseret
Bennett, May, c-Sp	Provo
Bennett, Vance W., a-Soph	Meadow
Bennion, Bernard N., a-F	
	Picture Butte, Canada
Bennion, Elbert, fa-F	Murray
Bennion, Melba, ss	Farmington
Benson, A. Ammon, ss	Moreland
Benson, Max L., c-S	Moreland, Ida.
Benson, Scott C., fa-Sp	Gentry, Ark.
Benson, Virginia, c-Sp	Ioka
Bentley, Mathew M. ss	St. George
Berg, Marian, c-F	Provo
Berrett, Beth, ss	Provo
Berry, Ruth M., ss	Provo
Bertin, J. Conrad, a-F	Provo
Besendorfer, Jean, ap-So	Midway
Best, Stanley E., ss	Kamas
Beyler, VeLoy R., e-F	Malta, Ida.
Bezzant, Evelyn R., ap-So	
	Pleasant Grove
Bezzant, Leah M., e-F	Pleasant Grove
Biddulph, Merrill, a-F	Provo
Biddulph, Reed, G.	Provo
Bierman, Joe, c-F	Salt Lake City
Bigelow, LaVell M., a-So	Provo
Bigelow, Margaret M., ap-Sp	Provo
Bigelow, Percival P., ap-Sp	Provo
Bigler, Rex A., ss	Central, Ariz.
Bigler, Lester A., c-F	Central, Ariz.
Bilings, Alfred N., c-F	Provo
Bingham, Bliss, e-F	Payson
Bingham, Eldine, fa-F	Preston, Ida.
Bingham, Kathryn, a-F	Weston, Ida.
Binks, Merrill D., c-F	Mapleton
Binks, Sara Marie, fa-F	Springville
Bird, Florence, e-So	Draper
Bird, Forest, a-So	Sheridan, Wyo.
Bird, George Ray, c-J	Springville
Bird, Howard A., ss	Springville
Bird, Margaret, ss	Springville
Bird, Martell, a-F	Provo
Bird, Martha, fa-F	Springville
Bird, Robert F., ap-So	Mapleton
Bishop, Gordon T., a-So	Delta
Bishop, Martha, c-F	Hinckley
Bishop, Max M., c-Un	Delta
Black, Emily, e-W	El Paso, Texas
Black, Guss P., e-J	Salt Lake City
Black, Karl G., c-J	Provo
Black, Mary, G	Delta
Black, Verna Johnson, a-Sp	Provo
Black, Willard L., e-S	Spring City
Blackler, E. Lyon, ss	Rupert, Ida.
Blackwell, Harry, ss	Pleasant Grove
Black, Albert, a-So	Delta
Black, Lora B., ap-F	Delta
Black, Nita, e-F	Provo
Blain, Allen M., e-F	Tremonton
Blair, James E., a-So	Provo
Blake, George R., ap-So	Provo
Blake, Rex B., c-F	Provo
Bland, Alex, fa-F	Taber, Canada
Blatter, Denver, a-Un	Chinook, Mont.
Blazzard, James H., c-F	Kamas
Blaylock, Sherwood J., a-F	
	St. Anthony, Ida.
Bleak, Thelma, fa-S	St. George
Blumell, Richard E.	Magrath, Canada
Blutch, LaPrele, e-F	
	Colonia Dublin, Mexico
Boberg, Afton, ss	Draper
Boel, Joseph M., a-So	Provo
Bohman, Dean F., e-J	Monroe
Boley, W. Carter, a-F	American Fork
Bone, Richard W., a-F	Provo
Bond, Vera R., ss	Milford
Bonnett, Stanford J., a-F	Provo
Booth, Edgar E., ss	American Fork
Booth, Editha, ss-fa-Sp	Provo
Booth, Frank H., a-F	Nephi
Booth, J. Malcolm, c-So	Provo
Booth, Leona, e-ss	Provo
Booth, Lillian C., ss	American Fork
Booth, Thornton Y., a-So	Provo
Booth, N. Wayne, ss	Blackfoot, Ida.
Booth, Virginia, ss	Provo
Boren, O. Wayne, a-F	Oakley, Ida.
Borup, Maida E., a-F	Boise, Ida.
Boswell, Gladys I., ap-F	Provo
Boswell, Joe L., e-F	Nephi
Bowen, Cheryl, c-F	Spanish Fork
Bowen, Ila, c-So	Spanish Fork
Bowen, Lora, ss	Spanish Fork
Bowen, Mark D., c-J	Spanish Fork
Bowen, David, a-F	Spanish Fork
Bowen, H. Reed, c-F	Burley, Ida.
Bowen, Shirley, ss	Spanish Fork
Bowen, Wayne L., c-J	Spanish Fork
Bowlden, Douglas L., a-F	Castle Dale
Bowman, Dorothy, ap-F	
	Colonia Dublin, Mexico
Bowman, Dorothy, e-J	Beaver
Bowman, Eva D., c-Sp	Provo
Bowman, Lorraine, ss-fa-F	Provo
Bowman, Melvin G., a-So	Provo
Bowman, Mina W.	
	Colonia Juarez, Mexico
Bown, Emma N., c-Sp	Provo
Bown, M. Duane, a-J	Provo
Bown, Henry M. c-So	Provo
Bown, Norma J., a-F	Provo
Boyack, Bert A., c-J	Spanish Fork
Boyack, Dean C., c-J	Delta
Boyce, Marguerite, e-So	Provo
Boyd, Orlene, ss	Provo
Boyer, Paul D., a-So	Provo
Boyer, D. Roy, c-So	Provo
Boyle, Clyde F., c-F	Provo
Boyle, Elayne, ss-fa-J	Provo
Boyle, Elfie B., a-Sp	Provo
Boyle, W. Sydney, ss-E-S	Provo
Boyle, G. Wesley, c-Un	Provo
Bradford, Henry W., c-So	
	Spanish Fork
Bradford, Lola, ss	Spanish Fork
Bradford, Reed H., ss-a-S	
	Spanish Fork
Bradford, Sterling T., a-F	
	Spanish Fork

- Bradshaw, Bernece E., c-So.....Lehi
 Bradshaw, Helen, ss.....St. George
 Brady, Arlo J., a-So.....Manassa, Colo.
 Brady, Leo J., G.....Manassa, Colo.
 Braithwaite, R. Carlyle, ss.....Nephi
 Braithwaite, Royden C., e-S.....Manti
 Brasher, Kirk I., ap-J.....Provo
 Braun, L. Pauline, fa-F.....
Los Angeles, Calif.
 Breinholt, Floyd E., c-S.....Ephraim
 Breinholt, Herbert C., ss-fa-S.....Provo
 Breinholt, Verna Allan, fa-Sp.....
Springville
 Breinholt, Veola, ss.....Redmond
 Briggs, Maxine, fa-F.....American Fork
 Brimhall, L. Elaine, e-J.....
Huntington Park, Calif.
 Brimhall, Wells S., c-S.....Provo
 Brinley, Ross A., e-So.....Pleasant Grove
 Brinley, J. Harold, ss.....Las Vegas, Nev.
 Bringhurst, Afton, ap-F.....Springville
 Brinkerhoff, Rial O., c-F.....Fillmore
 Britton, Amy, a-So.....Idaho Falls, Ida.
 Britsch, Ralph A., ss.....Manti
 Broadbent, Harvey, a-So.....Heber
 Broadbent, Hermese, ss.....Ogden
 Broadbent, Jay S., c-F.....Provo
 Broadbent, Josephine, a-J.....Heber
 Broadbent, Thora, d., a-Sp.....Provo
 Broadbent, Tom L., ss-G.....Provo
 Broadhead, Blanche, fa-So.....Nephi
 Broadhead, Faye, c-So.....Nephi
 Broadhead, Fern, c-So.....Nephi
 Brockband, Helen, ss-e-F.....Provo
 Brockband, Ila, ss.....Provo
 Brockband, Jean, a-So.....Spanish Fork
 Brockbank, Joseph A., ss.....
Spanish Fork
 Brockbank, Starr L., c-So.....
Spanish Fork
 Brooke, Betty, a-So.....Beaver
 Brooks, Johnnie H., a-F.....
Palatka, Florida
 Brooks, Leland, e-S.....St. George
 Brooksby, Armond W., a-J.....
Fredonia, Arizona
 Brothersen, Ann, ss.....Mt. Pleasant
 Brothersen, Olive C., Sp.Mt. Pleasant
 Brough, Dorothy, e-J.....Nephi
 Brough, Eunice, ss.....Nephi
 Brown, Eleanor, ss.....Sandy
 Brown, Byrl L., e-J.....Kooshaream
 Brown, Clark K., a-So.....American Fork
 Brown J. Charl, a-So.....Grantsville
 Brown, Duane, a-F.....Provo
 Brown, Euphemia M., Ap-F.....
Palo Alto, Calif.
 Brown, Errol G., ss-c-J.....
St. Johns, Ariz.
 Brown, Faye Eva, e-J.....Monroe
 Brown, J. Gayle, a-F.....Tooele
 Brown, Clyde, Glen, a-F.....
Charcas, Mexico
 Brown, Helen E., a-F.....Weiser, Ida.
 Brown, Lynn W., a-So.....Provo
 Brown, Mary, fa-Sp.....Provo
 Brown, Milton E., a-F.....Belleville, Ill.
 Brown, Nile R., a-So.....Draper
 Brown, Ralph S., a-F.....Provo
 Brown, Robert, a-So.....Duchesne
 Brown, Vincent M., e-So.....Provo
 Browning, Claramay, ss-e-Sp.....Ogden
 Browning, Eva Ruth, ss-e-Sp.....Ogden
 Brunson, Marilyn, fa-F.....Fillmore
 Buchanan, Clarence E., fa-Un.....Provo
 Bucher, John R., a-So.....
New Mortensville, W. Va.
 Buckley, Gerald M., a-So.....Provo
 Buggert, Aneliese, ss-ap-J.....Provo
 Bullock, Cecil I., c-S.....Pleasant Grove
 Bullock, Hazel J., c-Sp.....Pleasant Grove
 Bullock, Kenneth C., a-F.....
Pleasant Grove
 Bullock, Thomas G., a-So.....Provo
 Bullock, Vic R., a-So.....Provo
 Bunnell, Kay L., c-F.....Helper
 Bunot, Leone B., e-J.....Salt Lake City
 Burgess, Pauline, ap-So.....Alpine
 Burgess, Rupert L., e-Un.....Castle Gate
 Burgon, Beulah, e-F.....Midvale
 Burgon, Stanley W., c c-So.....Midvale
 Burningham, Rhoda C., a-Sp.....Provo
 Burningham, Sterling W., a-F.....Provo
 Burr, Glen L., a-F.....Provo
 Burr, Virginia, e-S.....Provo
 Burrell, Ruth, ss.....Safford, Ariz.
 Burt, John, ap-Sp.....Ogden
 Burt, Ruth, e-So.....Honeyville
 Burton, Grace E., a-F.....Provo
 Burton, Otis L., e-So.....Morgan
 Butler, David A., G.....Snowflake, Ariz.
 Bushwell, John R., fa-So.....Ogden
 Bushman, Lenore, ss.....
Joseph City, Ariz.
 Bushman, Marguerite, ss.....
Salt Lake City
 Butler, Durwood S., a-S.....
Santa Monica, Calif.
 Butler, Larene, c-J.....Trenton
 Butler, D. Maxwell, fa-So.....
Snowflake, Ariz.
 Butler, Myra, e-F.....Tetonia, Ida.
 Butt, Newbern I., G.....Provo
 Butler, Eldren L., fa-So.....Trenton
 Butler, Lora, e-F.....Tetonia, Ida.
 Butterfield, Vilate, e-J.....Riverton
 Buys, Jos. H., ss.....Richfield
 Caffall, Deon, a-F.....Provo
 Calder, Earl H., ap-So.....Vernal
 Calder, D. Valene, c-F.....Provo
 Calder, Sam, fa-So.....Vernal
 Call, A. Alwyn, ss.....Draper
 Call, Don C., a-J.....Brigham City
 Call, Joan E., a-F.....Brigham City
 Call, Verla, c-So.....Tucson, Ariz.
 Call, Willard A., a-S.....Seattle, Wash.
 Callahan, Sterling, fa-S.....Provo
 Callan, Mary, ss-c-J.....Preston, Ida.
 Campbell, Maxine L., e-So.....
Rupert, Idaho
 Candland, Ruth H., a-So.....Provo

- Campbell, Madge A., ss Park City
 Canning, Alfred C., a-J Midvale
 Cannon, Emma, Sp Eureka
 Cannon, Jeah G., ap-J Salt Lake City
 Cannon, W. Lester, a-F Provo
 Cardon, L. LaVon, e-F
 El Paso, Texas
 Carey, D. Mae, a-F Somerset, Colo.
 Carlie, Maurine, e-S Kamas
 Carlson, H. Belden, a-F Spanish Fork
 Carmack, Hazel M., fa-F
 Winslow, Ariz.
 Carpenter, Clea, ss Kamas
 Carpenter, Hermen R., c-So
 Park City
 Carr, Naomi C., ss Brigham City
 Carr, Wm. C., ss Brigham City
 Carroll, Elsie C., ss Provo
 Carroll, Norman B., c-F Vernal
 Carroll, Paul Herman, ap-F
 San Angelo, Texas
 Carson, Della, ss Lehi
 Carson, Leah M., c-F Lehi
 Carter, H. Eugene, c-F Salt Lake City
 Carter, Norval, ap-S Lehi
 Carter, Sherman W., e-J Minersville
 Carter, Thelma B., c-Sp Springville
 Cartwright, Anne, ss Beaver
 Cartwright, Letha, ss Beaver
 Case, Ruth, c-F Mt. Emmons
 Castleton, Leon J., c-F Provo
 Castleton, Ralph H., c-F Garland
 Chadwick, Barratt M., c-S
 American Fork
 Chadwick, Effie M., ss Yost
 Chadwick, Laura, e-J Ogden
 Chadwick, Russell, a-F Morgan
 Chamberlain, Dell, c-J Orderville
 Chamberlain, Ellsworth T., a-F
 Orderville
 Chamberlain, Edna, c-F
 Blackfoot, Idaho
 Chambers, Max W., c-F Garland
 Chandler, Harry P., a-So Provo
 Chandler, Mrs. Sadie M., c-Un
 Pleasant Grove
 Chappell, Sperry, ss Lyman
 Charlesworth, Gardon, Wesley, c-F
 Richfield
 Checketts, Minnie, fa-F
 Bear River City
 Cheney, Meldra A., ss Cardston, Can.
 Cheney, Silas L., ss Salt Lake City
 Childs, Berthena, ss-fa-Sp
 Salt Lake City
 Childs, France, a-F Springville
 Chipman, Ralph S., ss American Fork
 Chlarson, Berma, c-F Honeyville
 Christensen, Alice A., a-S Shelley, Ida
 Christensen, Ardis, c-So Provo
 Christensen, Bernard C., ap-So
 Spring City
 Christensen, H. Darlene, fa-Sp
 Minneapolis, Minn.
 Christensen, W. Blake, ss Provo
 Christensen, Cleopha E., ss Moroni
 Christensen, Dean M., a-F Provo
 Christenson, Don G., a-J Fayette
 Christensen, Edith C., ss Ogden
 Christensen, Fern, fa-Sp Richfield
 Christensen, Francelle L., fa-F Provo
 Christensen, Alva Glen, a-F Provo
 Christensen, Gordon M., fa-So Delta
 Christensen, Harold E., ap-Un
 Spanish Fork
 Christensen, Harold T., ss Provo
 Christensen, Horace J., a-J Provo
 Christensen, Jack, c-So Provo
 Christensen, Jay, c-So Oasis
 Christensen, Kathryn, fa-So
 American Fork
 Christensen, LaVerl, e-S Hinckley
 Christensen, Margaret, a-So Provo
 Christensen, Martha, ss-e-J Delta
 Christenson, Marguerite, a-So Provo
 Christensen, Maza, fa-S Richfield
 Christensen, Merlin D., fa-S Delta
 Christensen, Mildred J., fa-So Delta
 Christensen, Mona B., ap-F Elsinore
 Christensen, Ned G., fa-F Salina
 Christensen, Ora, e-So Richfield
 Christensen, Paul D., ap-S
 American Fork
 Christensen, Phyllis, e-J Arimo, Ida
 Christensen, Reva, c-F Elsinore
 Christensen, Rex L., a-J Ephraim
 Christensen, Rhoda, e-F Fillmore
 Christensen, Vernon D., c-So Provo
 Christensen, Waldo G., c-So Redmond
 Christensen, Wallace E., c-F Mohrland
 Christian, Lewis E., a-J St. George
 Christiansen, Del Rae, e-S Monroe
 Christiansen, Harold, e-So Mayfield
 Christiansen, Jas. W., ss Spanish Fork
 Christiansen, Joseph R., ss
 Fountain Green
 Christopherson, Lucille W., fa-Sp
 Provo
 Christiansen, Merle C., ss
 American Fork
 Church, Gertrude, ss Eureka
 Clark, Albert D., a-J Provo
 Clark, Boyce R., ss Provo
 Clark, Carl D., a-F Coalville
 Clark, Edith, e-F Provo
 Clark, Emma E., ss Salt Lake City
 Clark, Evelyn, e-F Lehi
 Clark, Ethelyn V., c-Sp Provo
 Clark, Ezra T., c-J Bountiful
 Clark, Fae, fa-So Provo
 Clark, Gene, ss-c-S Ogden
 Clark, Harry W., Jr., fa-J Helper
 Clark, Helen, a-So Provo
 Clark, Ira, G Ogden
 Clark, James K., e-S Provo
 Clark, Jeanette, e-J Ogden
 Clark, J. Kent, a-So Ogden
 Clark, Larry, a-Sp Kemmerer, Wyo.
 Clark, Lynn O., e-So Lynn
 Clark, Marden J., a-F Morgan
 Clark, Maurine, e-J Mesa, Ariz.
 Clark, Merlin, ap-So Cannonville

Clark, Reed, ss	Mt. Pleasant	Corless, Howard S., fa-So	Paul, Ida.
Clark, C. Verl, c-F	Oakley, Ida.	Cornaby, Leslie H., ss	Spanish Fork
Clark, Walter F.	Provo	Cornell, Netta H., e-F	Salt Lake City
Clark, William B., a-J	Provo	Cornwall, Douglas T., ss	
Clark, Woodrow W., ap-F	Helper		Clayton, N. Mex.
Clarke, Sarah E., a-So	American Fork	Corry, Bill K., c-S	Cedar City
Clarkson, Albert E., ap-F		Cottam, Venice, c-F	Provo
	Woods Cross	Cottrell, Dannel G., e-So	Draper
Clarkson, Berma, e-F	Provo	Cowan, Christine J., ss	Spanish Fork
Clayson, Laurence W., ss	Santaquin	Cowley, Jessie, fa-J	Venice
Clayson, Joseph H., c-J		Cowley, Thora, e-J	Venice
	American Fork	Cox, Ferron W., ap-F	Lovell, Wyo.
Clayton, Dorothy, fa-Sp	Provo	Cox, LaRue, e-J	St. George
Clayton, Vaughn A., a-F	Sandy	Cox, Ruth, ss	Provo
Clegg, Fred W., G	Provo	Crabtree, L. Spencer, fa-So	
Clegg, Lula, ss-e-S	Heber		Providence
Clegg, Reed L., c-So	Provo	Cragun, Margaret H., e-Sp	Lewiston
Cliff, W. Wilson, ss	Heber	Craig, Estelle, e-F	ElDorado, Ark.
Clinger, Clifton D., fa-F	Provo	Craig, Marshall Ray, a-So	
Clinger, Morris M., G	Provo		ElDorado, Ark.
Cloward, Blake H., c-J	Monroe	Crandall, Eva, e-F	Springville
Cloward, R. Dell, c-J	Monroe	Crandall, Lars G., c-Sp	Provo
Cluff, Al, fa-F	LaVina, Calif.	Crandall, Lowell W., ss. c-J	
Cluff, Ivan L., ap-F	Chandler, Ariz.		Springville
Clyde, Ed. W., a-So	Heber	Crandall, Mack C., c-So	Springville
Clyde, Margaret E., a-F	Heber	Crandall, Sterling M., c-J	Springville
Clyde, Nina, ss	Heber	Crandall, Steward M., a-F	Provo
Clyde, Ruth, ap-F	Provo	Crane, Elizabeth, fa-F	Herriman
Cockett, George T., c-So	Beaver	Crane Golda K., ss	Mink Creek, Ida.
Cole, Dorothy R., e-So	Rupert	Crane, James R., G	Herriman
Cole, Glenda, ss	Paris, Idaho	Crane, Norma, c-So	Provo
Coleman, James S., c-F	Provo	Cranney, W. Doyle, a-J	Auburn, Wyo.
Coleman, Martha, ss-s-So	Provo	Cranney, Hattie, e-J	Auburn, Wyo.
Coleman, Maud T., e-J	Midway	Creer, Allen B., a-F	Spanish Fork
Coleman, Rose V., e-F	Midway	Creer, Jean, c-So	Spanish Fork
Collett, Edith, e-F	Vernal	Creer, Paul B., a-So	Spanish Fork
Collett, Farrell R., ss	Provo	Critchley, Afton, a-F	Fillmore
Colton, C. Ray, ss	Vernal	Crockett, Quinten O., c-F	
Coltrin, William A., c-Sp			Preston, Idaho
	Huntington Park, Calif.	Crockett, Madella, a-J	Pima, Ariz.
Colvin, Orlin G., ss-e-J		Croft, Elmo A., a-So	Provo
	Short Creek, Ariz.	Crogan, Frederick L., a-So	Hiawatha
Colvin, Reed N., ss	Payson	Crook, Robert, ap-F	Heber
Comer, Nola, a-S	Lehi	Crosby, Jean, fa-F	Cowley, Wyo.
Comish, Elaine, ss	Eugene, Ore.	Crosby, Lena, a-J	Provo
Condle, Aileen, fa-F	Springville	Crosby, Mary, e-J	Provo
Condle, Thelma, fa-Sp	Provo	Crosby, Rodney W., e-F	
Condle, Verona, e-F	Springville		Cowley, Wyo.
Conover, Don W., c-So	Provo	Crosbie, Ray, a-So	Provo
Conover, Hattie H., Sp	Provo	Crosby, Sam W., c-Sp	St. George
Conover, Sadie, ap-F	Duncan, Ariz.	Crouch, Faye, a-F	Morgan
Conrad, Nephi D., c-F	McGill, Nev.	Crowley, Elmer S., ss-fa-S	
Cook, Fon E., a-J	Cedar Valley		Idaho Falls, Idaho
Cook, John C., a-So	Provo	Crowther, Margaret, ss	Malad, Ida.
Cook, Shirl E., a-So	Pegram, Ida.	Crowther, June, e-F	Provo
Cook, Zelda, e-F	Pegram, Ida.	Crowton, David M., ap-J	
Cooley, Jane, e-So	Salt Lake City		Salt Lake City
Cooper, Hannah L., ss	Pleasant Grove	Crum, Viola, c-F	Provo
Cooper, Mary L., ss	Pleasant Grove	Cullimore, Odessa A., ss	Provo
Cooper, Robert P., a-S	Provo	Culmsee, Carlton J., G-ss	Provo
Cope, Clyda, ap-So	Ruby's Inn	Cummings, Richards F., e-S	Provo
Cope, James A., a-F	Ruby's Inn	Currie, Emily S., fa-Un	
Cope, Melba, e-J	Richfield		American Fork
Cope, Robert L., c-So	Richfield	Curry, Reginald O., ap-So	
Corbell, Dion W., a-F	Spanish Fork		Ft. Duchesne
Corbridge, Ivan L., c-So	Malad, Ida.	Curtis, Arthur W., a-F	Delta

Curtis, Coral, ap-F.....	Salt Lake City
Curtis, Edith, c-F.....	Spanish Fork
Curtis, Elda, e-So.....	Aurora
Curtis, Leona B., Sp.....	Springville
Curtis, Leora, fa-F.....	Salt Lake City
Curtis, Heber A., ss.....	Payson
Curtis, Lillian R., ss.....	Salem
Cutler, Guy R., c-So.....	Panguitch
Cutler, Margie, e-So.....	Salt Lake City
Dabb, Ralph F., A-J.....	Harrisville
Dahlquist, Carlyle, a-J.....	Provo
Dalby, Juul, a-So.....	Levan
Dalton, Ralph C., ap-F.....	Payson
Daniels, Phyllis, fa-J.....	Roosevelt
Danielsen, Helena M., ap-J.....	Council Bluffs, Iowa
Dase, Sam C., fa-J.....	Las Vegas, Nev.
Dastrup, Berniece, ss.....	Provo
Dastrup, Dona, ss-e-S.....	Provo
Davies, Addie, a-Un.....	Talmage
Davies, Charles J., a-So.....	Spanish Fork
Davies, Grant B., c-J.....	Provo
Davies, Victor L., a-F.....	Provo
Davis, Chester R., a-So.....	Salem
Davis, J. Douglas, a-F.....	Provo
Davis, Katherine, ss-e-S.....	Provo
Davis, Keith G., fa-Un.....	Lehi
Davis Marie, e-F.....	Las Vegas, Nev.
Davis, Mattie, ss-e-Sp.....	Provo
Davis, Mildred, c-Sp.....	Provo
Davis, Veryl, e-F.....	Springville
Davis, Vern L., fa-J.....	Springville
Davison, Norma J., ss.....	Riverdale
Dean, Harry A., ss.....	Ephraim
Dean, Elva C., ss.....	Provo
Dean, John W., a-So.....	Heber
Dean, Winifred, a-F.....	Redmesa, Colo.
Decker, Catharine, ss.....	Provo
Decker, Freda S., a-J.....	Snowflake, Ariz.
Decker, Lorenzo, ss.....	St. Johns, Ariz.
Decker, Pearl A., ss.....	Kirtland, N. Mex.
Decker, Webster, c-S.....	Kirtland, N. Mex.
DeGraff, Elaine, fa-S.....	Heber
DeGraff, Helen, ss.....	Heber
DeHart, William A., e-S.....	Ogden
DeJong, Belle, fa-F.....	Provo
DeLang, Leland, a-F.....	Koosharem
Demos, Helen, fa-F.....	Provo
Demson, Elizabeth, e-F.....	Salem
Denning, Martha, fa-F.....	Idaho Falls, Ida.
Dennis, Bernel, a-F.....	Provo
Dennis, Elvin J., ap-J.....	Roosevelt
Despain, Danial G., a-F.....	Lovell, Wyo.
Detmers, Robert F., e-So.....	Beaver
Devey, Helen, e-So.....	American Fork
Devitt, Russell E., c-So.....	American Fork
Devitt, Willard R., a-F.....	American Fork
Dexter, Alfred, Jr., fa-So.....	Pleasant Grove
Dickson, Ned B., c-S.....	Cowley, Wyo.
Dillman, Isabelle, e-S.....	Vernal
Dixon, Alice, e-F.....	Provo
Dixon, Dorothy, a-F.....	Provo
Dixon, Fred, ss-G.....	Provo
Dixon, Evelyn, fa-S.....	Provo
Dixon, Howard B., ss-G.....	Provo
Dixon, Norma, a-F.....	Provo
Dixon, Paul, a-F.....	Payson
Dixon, Phyllis, e-J.....	Provo
Dixon, Ruby, ss.....	Provo
Dixon, Stella, ap-J.....	Provo
Done, Mary, c-F.....	Salt Lake City
Doran, Bernard F., ss.....	Salt Lake City
Dorgan, Beth, a-Un.....	Provo
Dorius, L. Howard, fa-F.....	Delta
Dorton, Basil J., a-Sp.....	Lehi
Doss, Loy F., a-So.....	Provo
Dow, Mack, e-So.....	Draper
Dowdle, Robert, e-J.....	Springville
Draper, Dean A., c-Un.....	Provo
Driggs, Jack R., c-F.....	Garland
Dudley, Margaret, a-So.....	Vernal
Dudley, Marian, e-S.....	Randlett
Duffin, Allese, c-So.....	Salt Lake City
Duffin, Marie, ap-So.....	Salt Lake City
Duke, Harold G., c-F.....	Vernal
Duke, Kenneth L., G.....	Heber
Duke, Lela, ss.....	Provo
Duke, Lucretia, fa-Sp.....	Provo
Dunford, Geo. O., ap-S.....	Bloomington, Idaho
Dunkley, LeGrand J., c-J.....	Whitney, Idaho
Durrant, Dorothy, c-F.....	Provo
Durrant, Russell, c-J.....	Provo
Dusenberry, Ida S., ss.....	Provo
Dyches, T. W., ss.....	Provo
Dyrend, Lucille, fa-F.....	Manti
Dyrend, Morgan R., c-J.....	Manti
Eagar, David R., ss.....	Mammoth
Eagar, Ireta, c-J.....	Eagar, Ariz.
Earl, Don L., ss. fa-J.....	Las Vegas, Nev.
Eastmond, Elbert J., a-S.....	Provo
Eastmond, Margaret H., a-S.....	Provo
Eddington, Carl, a-F.....	Springville
Eddington, Roslyn, a-J.....	Springville
Edgley, Faris L., ss-G.....	Pocatello, Ida.
Edwards, Fern W., ss.....	American Fork
Eggertsen, Geraldine, fa-S.....	Springville
Eitel, Loel, a-F.....	Ely, Nev.
Eitel, Leona, fa-S.....	Ely, Nev.
Ekloff, Genevieve, e-F.....	Eureka
Eldredge, Martha, e-F.....	Salt Lake City
Eldredge, Leah L., ss.....	Salt Lake City
Ellertson, Flo, a-F.....	Provo
Ellertson, Lael, e-F.....	Mona
Ellett, Arthur O., ss.....	Spanish Fork
Ellett, Darwin, E., ss.....	Santaquin
Ellett, Robert, ap-So.....	Spanish Fork
Ellis, J. Bruce, a-S.....	Spring City
Ellis, Steven G., a-F.....	Provo
Ellison, Helen, a-So.....	American Fork
Ellsworth, Elman K., a-F.....	Payson

Ellsworth, Reed W., ap-Un.....	Fisher, Elton, ss-G.....
.....Safford, Ariz.	.....San Francisco, Calif.
Emert, Dicia, ss.....	Fischer, Virtue, ap-So.....
.....Roosevelt	Fitzgerald, John W., G.....
Ennis, Marguerite, fa-S.Eagar, Ariz.	Fitzgerald, Keith R., c-F.....
Erickson, Dehlin A. ....	.....Draper
.....Iona, Ida.	Fitzgerald, Ray R., c-So.....
Erickson, E., Delin, a-So.....	.....Draper
.....Sterling, Canada	Flake, Marjorie, fa-F.....
Erickson, Elaine, e-J.....	.....Salt Lake City
.....Spring City	Flake, Samuel D., fa-F.....
Erickson, LaRue, e-S.....	.....Snowflake, Ariz.
.....Provo	Fletcher, Charles T., a-So.....
Erickson, Leroy A., ss.....	.....Provo
.....Salem	Fletcher Grace B., ss.Magrath, Canada
Erickson, Maude, e-F.....	Fletcher, James C., a-F.....
.....Salt Lake City	.....Flushing, N. Y.
Esplin, Thomas L., a-J.....	Fletcher, John Clele, a-S.....
.....Orderville	.....Springville
Esperson, Clinton H., c-So.....	Fletcher, Sarah, ss.....
.....Midvale	.....Junction
Esplin, Cleone, e-F.....	Flowers, Sara Jane, ap-So.....
.....Orderville	.....Las Vegas, Nev.
Evans, Annie, ss.....	Folster, Maxine, ap-S.....
.....Malad, Ida.	.....Panguitch
Evans, Lucille, ss.....	Foote, Marjorie, c-Sp.....
.....Malad, Ida.	.....Nephi
Evans, Beth, fa-F.....	Ford, Joseph V., ss-a-F.....
.....Spanish Fork	.....Provo
Evans, Donald J., a-So.....	Forsey, George T., a-F.....
.....Spanish Fork	.....Eureka
Evans, George H., a-F.....	Foster, Lilian, c-Un.....
.....Vernal	.....Provo
Evans, Karma, c-So.....	Foulger, Delsa, ss.....
.....Lehi	.....Ogden
Evans, Lyle, c-F.....	Foulger, Walton E., G.....
.....Salt Lake City	.....Ogden
Evans, Maria, ss.....	Foutz, Ed. H., c-Un.....
.....Malad, Ida.	.....Kanab
Evans, Wm. Richard, ss.Mt. Emmons	Foutz, Russell, c-So.Fruitland, N. M.
Eyre, Carlyle B., ap-F.....	.....Mt. Pleasant
.....Cowley, Wyo.	Fowles, Catharine, ss.....
Eyring, Jeneveve, ap-J.....	.....Mona
.....Pima, Ariz.	Fowkes, Lucille, ss.....
	.....Mona
Facer, Blaine, H., c-Un.....	Frampton, Alta, e-Un.....
.....Provo	.....Provo
Facer, William H., ap-F.....	Francis, Melba, e-F.....
.....Cove, Ore.	.....Morgan
Fackrell, Virginia, a-F.....	Francom, Harriett, ss.....
.....Eden	.....Payson
Fairbanks, Fern S., a-F.Caldwell, Ida.	Francom, Martha, ap-F.....
Fairbanks, Vanola, e-So.....	.....Levan
.....Richfield	Francom, Robert L., a-F.....
Falkner, Genevieve, c-F.....	.....Payson
.....Provo	Frandsen, Calvin E., ss-e-J.....
Farnes, June, e-S.Twin Bridges, Mont.	.....Redmond
Farnsworth, Charles H., ss.....	Frandsen, Howard, c-F.....
.....Provo	.....Provo
Farnsworth, Doraine, ss.....	Frandsen, Mildred, Sp.....
.....Salt Lake City	.....Nephi
Farnsworth, Elone, a-J.....	Frazier, Leo O., c-So.....
.....Colonia Dublan, Chih, Mex.	.....Oakley
Farnsworth, Lucille, a-So.....	Freckleton, Jennie, ss.....
.....Colonia Dublan, Chih, Mex.	.....Provo
Farnsworth, Raymond B., a-S.....	Freckleton, John M., a-J.....
.....Enterprise	.....Provo
Fautin, Reed W., G.....	Freestone, Albert G., ap-J.....
.....Provo	.....Mesa, Ariz.
Fechser, Ida, fa-S.....	Freestone, James R., a-So.....
.....Provo	.....Mesa, Ariz.
Fechser, Kenneth F., ss.....	Freestone, J. Victor, a-S.....
.....Panguitch	.....Los Angeles, Calif.
Felt, Bert, a-J.....	Frisby, Stella, fa-J.....
.....Centerfield	.....Salt Lake City
Fenton, Elaine, ap-F.....	Froerer, Lillian, e-J.....
.....Pleasant Grove	.....Ogden
Fenton, Estelle, ss.....	Frost, Margaret, ss.....
.....Pleasant Grove	.....Spanish Fork
Ferre, Max B., a-F.....	Fugal, Jean A., ap-J.....
.....Provo	.....Pleasant Grove
Fielding, Hazel L., ss.....	Fulkerson, Alvin, e-F.....
.....Shelley, Ida.	.....Overton, Nev.
Fietkau, L. Ross., ap-J.....	Fuller, Livonia W., e-S.....
.....Boneta	.....Provo
Fillmore, Belle, ss.....	Fuller, Orin C., ss.....
.....Provo	.....Mesa, Ariz.
Fillmore, Elithe, c-So.....	Fullmer, Bert L., G.....
.....Provo	.....Springville
Fillmore, Winston J., a-Sp.....	Funk, Ezra, ap-Un.....
.....Provo	.....Preston, Nev.
Fillmore, Woodrow M., a-F.....	
.....Provo	Gadd, Marjorie.....
Finlayson, Lela, ap-J.....	.....Nephi
.....Provo	Gaeth, Arthur, a-Un.....
Finlayson, L. Taylor, a-F.....	.....Provo
.....Provo	Gayley, Beth, ss.....
Finley, Bessie, ss.....	.....Kaysville
.....Springville	Galt, Allan, a-F.....
Finley, May, ss.....	.....Spanish Fork
.....Springville	Gamett, Mark W., c-F.....
Firmage, D. Allan, a-So.....	.....Pleasant Grove
.....Spanish Fork	Gammell, Raymond, c-F.....
Firmage, Doris, ss.....	.....Provo
.....Spanish Fork	Gardner, Birdie, c-J.....
Firmage, Louise, a-F.....	.....San Diego, Calif.
.....Provo	Gardner, Elna, e-So.....
Fish, Charles R., a-So.....	.....Afton, Wyo.
.....Delta	Gardner, Essie, af-Sp.....
Fish, Lalovi, ap-S.....	.....San Diego, Calif.
.....Snowflake, Ariz.	Gardner, Evan, ss-c-J.....
Fish, Varena M., ap-F.....	.....Delta
.....Snowflake, Ariz.	Gardner, George, ss.....
	.....Levan
	Gardner, Grant, c-F.....
	.....Detroit, Michigan

Gardner, Hazel, ss	Payson	Green, Forace, ss	Midvale
Gardner, Ivin, ss	Salem	Green, Garnet, ap-J.	McCammon, Ida.
Gardner, Lincoln B., e-S.	Afton, Wyo.	Green, Jack, a-F	American Fork
Gardner, Marguerite, e-J		Green, Robert, a-So	Provo
	Spanish Fork	Greene, Lawrence, ss	Heber
Gardner, Merline, fa-J.	American Fork	Greener, James A., c-F	Helper
Gardner, Nelda, e-F	Mesa, Arizona	Greener, Phyllis, a-F	Heber
Gardner, Neil, a-So	Spanish Fork	Greenhalgh, Gene, a-J	Santaquin
Gardner, Nita, e-So	Spanish Fork	Greenhalgh, Grant, ap-So	
Gardner, R. G., a-F	American Fork		Safford, Arizona
Gardner, Reid B., a-S	Spanish Fork	Greenhalgh, Velda, ap-So	Santaquin
Gardner, Ross D., a-F	Salt Lake City	Greenwood, Anne, a-So	Richfield
Gardner, Russell, ss	Levan	Greenwood, Ella, e-J	Sandy
Gardner, Thelma, e-F	Neola	Greenwood, LaVon, a-Sp	Monroe
Gardner, Vernon, a-F	Salem	Greenwood, Mildred, c-F	
Gardner, Wallace, ss-c-S.	Spanish Fork		American Fork
Garner, Hazel, ap-Sp	Ogden	Greenwood, Sherman, a-F	
Garrett, Norma, c-F	Provo		American Fork
Garrett, Weston, c-J	Provo	Greer, Grant, e-Sp	Provo
Gay, Farrall D., a-Un	Joseph	Gregson, Annie L., ss	
Gay, Venoy, c-J	Joseph		Cardston, Alberta, Canada
Gentry, Joe, fa-So	Beaver	Gregersen, Wallace, ss	Elsinore
George, Scott, c-So	Kanosh	Griffith, Elmer, c-S	Midvale
Gerber, Clinton, a-F	Wellington	Grimes, A. Milton, ss-c-S	Provo
Germer, Max, fa-J	Deweyville	Groberg, LeRoi, B-Sp	Fillmore
Geslison, Clarence, ap-So		Grotegut, Arthur, ss	Spanish Fork
	Spanish Fork	Grow, Arta, a-Sp	
Gibb, Jack G.	Portland, Oregon		Toronto, Ontario, Canada
Gibb, Rulon, ss.	Magrath, Alta., Can.	Gruwell, Melvin, e-J	Burley, Idaho
Gibbons, LaRetta, ss	Garden City	Gubler, Clark, a-J	LaVerkin
Gibbons, LaThel, ss	Garden City	Gulbrandson, William, c-S	
Gibby, Ivin, ap-So	Roy		Huntington, Calif.
Giddings, Crandall, a-J		Gunther, Orville, ss	American Fork
	American Fork	Gurr, Ila, e-J	Parowan
Giddings, Irene, ap-F	American Fork	Guymon, Beth, ap-F	Huntington
Gilbert, Art, c-F	Salt Lake City		
Gilchrist, Ruth, c-So	Ontario, Ore.	Hacking, Berniece, ss	Cedar Valley
Giles, Clarence, e-So	Heber	Hacking, Florence, e-So	Vernal
Giles, Elvin, ss	Heber	Hacking, Lola, ap-J	Cedar Valley
Giles, Earl, e-S	Heber	Hacking, Mary, ap-S	Vernal
Giles, Fred N., ap-S	Provo	Hacking, Maurine, ap-J	Cedar Valley
Gillespie, Gerald, ap-J	Tooele	Hacking, Melda F., fa-J	Provo
Gillespie, Robert, a-So	Provo	Hacking, Ralphena, ss	Provo
Glade, Melissa, ss	Salt Lake City	Hacking, Reed G., G	Provo
Glasscock, Stephen, a-F	Provo	Haderlie, Paul F., a-F	Bedford, Wyo.
Gleason, Jennie, ss	Pleasant Grove	Hadlock, Orlando B., ss	Ogden
Gleason, Nadine, fa-J	Provo	Haggerty, Charles E., e-So	
Glissmeyer, Pearl, e-So			Hundred, W. Virginia
	Salt Lake City	Hair, Leatha, ap-F	Vernal
Glover, Donald, ap-F	Midvale	Hale, Leah, ss	Smithfield
Glover, Hazel, ss	Midvale	Hale, Nathan, e-S	Provo
Goasland, Gene, a-F	Preston, Ida.	Hale, Wilford, c-J	Afton, Wyo.
Golding, Julia, c-Sp	Price	Hales, Belle W., ss	Provo
Golding, Lawrence, e-J	Price	Hales, Mark Q., a-So	Spanish Fork
Goodliffe, Florence, ss	Rexburg, Ida.	Hales, Thora T., ss	Pleasant Grove
Gordon, Arthur, a-So	American Fork	Hales, Vern, a-J	Provo
Gorishek, Carolina E., ss	Scofield	Hall, Ansel, fa-So	Eagar, Ariz.
Gourley, George, ss	Provo	Hall, Catherine, ap-F	Roosevelt
Gourley, Lee, e-S	Pleasant Grove	Hall, Clarisse H., ss-e-Sp	Ogden
Graham, Edda, ss	Chester	Hall, Desma, a-J	Panaca, Nevada
Graham, Faye, fa-F	Provo	Hall, Freda, e-F	Vernal
Graham, Jo., e-F	Provo	Hall, J. Clark, fa-F	Minersville
Graham, Verena, e-Sp	Fairview	Hall, James E., a-F	Henrieville
Grange, William, a-F	Huntington	Hall, M. Laverl, ss-c-S	Eagar, Ariz.
Grasse, Marjorie, fa-So	Denver, Colo.	Hall, Lela, ap-F	Vernal
Gray, Walter, ap-Sp	Provo	Hall, Lois, fa-Sp	Spanish Fork

Hall, Maurice B., ss-a-S	Santaquin
Halladay, Robert E., a-So	Provo
Hallam, Lucille, fa-So	Spanish Fork
Halliday, Jack R., a-F	Provo
Halliday, John R., ss-G	
	Pleasant Grove
Halliday, Rhea, e-J	Pleasant Grove
Halterman, Austin, e-F	Parowan
Halverson, Jean, c-Sp	Provo
Halverson, Max B., a-So	Provo
Hamblin, Josephine W., ss	
	Eagar, Arizona
Hammond, Marion E., a-F	
	Cowley, Wyoming
Hammond, Maxine, ss	Ashton, Ida.
Hanchett, Hughes B., a-J	Provo
Handy, Dora, ss-e-S	Ogden
Hanks, Barbara, fa-F	Burley, Ida.
Hanks, Chas. L., G.	Salem
Hanks, Golda, ss	Shelley, Ida.
Hanks, Howard P., ss	Eureka
Hanson, Anne, ap-F	Spanish Fork
Hansen, Bernard L., a-So	
	Sheridan, Wyoming
Hansen, Burns S., fa-So	Monroe
Hansen, Elmo H., ss	Nephi
Hansen, Garth B., a-F	Richfield
Hansen, Genevieve, a-F	Provo
Hansen, Grant, a-So	Provo
Hansen, Hans C., e-F	
	Idaho Falls, Idaho
Hanson, June, c-F	Driggs, Ida.
Hansen, J. Keith, c-F	
	Rock Springs, Wyoming
Hanson, Lester, ap-Sp	Provo
Hansen, Lois Genial, a-F	
	Salt Lake City
Hansen, Louise, e-F	Delta
Hansen, Lowell F., e-S	Spring City
Hansen, Lucille, e-J	Mt. Pleasant
Hansen, Margaret, ss	Provo
Hansen, Pansy, c-F	Lehi
Hanson, Parker, a-F	Provo
Hanson, Roy, c-F	Spanish Fork
Hansen, Ruth, e-F	Delta
Hansen, Thelma, ss	Ephraim
Hanson, Olive, ss	Roxson, Wyo.
Hansen, Theresa, a-J	Provo
Hansen, M. Virginia, e-F	Bountiful
Hanson, William F., G	Provo
Hansen, Wyroa, ss	Spring City
Harding, Elden A., ss	Provo
Harding, Marion E., c-Un	Provo
Hardman, Minnie, ss	Myton
Hardy, Agnes T., a-F	Spanish Fork
Hardy, Ariel, a-F	Oakley, Idaho
Hardy, D. Elmo, a-S	Spanish Fork
Hardy, Jean, fa-J	Great Falls, Mont.
Harkness, Ruby, ss	Schofield
Harmer, Dorothy, e-S	Springville
Harmer, Floss, ss-e-Sp	Springville
Harper, Weston Richard, e-S	
	Oakley, Idaho
Harper, Wilson T., a-So	
	Oakley, Idaho
Harris, Alvin, ss	Ferron
Harris, Carol, fa-F	Provo
Harris, Charles, ap-J	Pleasant Grove
Harris, Dola, ap-F	Lovell, Wyoming
Harris, Ed., ss	Tremonton
Harris, Edw. D., ss	Delta
Harris, Eldon C., e-S	Lehi
Harris, Estella S., ss-a-Sp	Provo
Harris, Francee, ap-Sp	Provo
Harris, Grant B., ss	Centerfield
Harris, James E., a-So	
	Col. Juarez, Chih. Mex.
Harris, Leah D., ss-a-So	Provo
Harris, Louis E., a-So	Provo
Harris, Thelma, a-Sp	Provo
Harris, Vonda, ss	Provo
Harrison, A. LaVere, ap-Sp	Provo
Harrison, Dan, a-So	Provo
Harrison, Helen, c-F	Provo
Harison, Vatia, e-So	Afton, Wyo.
Harrison, Viri L., a-So	Springville
Harston, Clarence B., ap-J	
	Cowley, Wyoming
Harston, Miles B., ap-J	
	Cowley, Wyoming
Hart, Eldon C., c-J	Ogden
Hartley, Gwen, a-So	Fairview
Hartley, Margaret, a-F	
	Salt Lake City
Harvey, Ila J., ss	Blanding
Harvey, Richard, e-F	Pleasant Grove
Harwood, Loa, e-J	Provo
Hashitani, Raymond I, ap-So	
	Nyssa, Oregon
Haslam, Glen W., a-So	
	American Fork
Hassell, Faral, c-So	Mammoth
Hatch, Charles S., ss	Idaho Falls, Ida.
Hatch, Glenna, a-F	Provo
Hatch, Joseph, ss	Idaho Falls, Ida.
Hatch, Lyle D., a-F	Springville
Hawker, Afton, a-F	Grantsville
Hawker, Mary, ss-a-Sp	Grantsville
Hawkins, Clarence J., ss	
	Salt Lake City
Hawkins, Merrill D., c-F	
	Spanish Fork
Haws, Beatrice, a-Sp	Provo
Haws, Elwood G., a-So	Provo
Haws, Gilbert S., a-F	Provo
Haycock, Shirley, a-Sp	Provo
Hayes, Leith, e-F	Provo
Haymond, Howard R., c-F	Springville
Haymore, Ellen, c-F	Prescott, Ariz.
Haymore, Franklin R., c-So	
	Douglas, Arizona
Haynes, Genevieve, a-F	Gusher
Hayward, LaNell R., c-F	Provo
Hayward, D. Willard, c-S	Rupert, Ida.
Hayward, Wilson H., a-F	
	American Fork
Heaton, Lorraine, ss	Hurricane
Heavner, Norman A., a-F	Provo
Hedquist, Dorothy, fa-F	Provo
Heiner, H. Bartley, ss-a-J	
	McKinnon, Wyoming
Heiner, Pyna, e-F	McKinnon, Wyo.

Hemingway, Donald W., a-F.....	Eureka
.....Ely, Nevada	
Hemingway, Thomas, a-So.....	Eden
Henderson, Erwin, a-J.....	Provo
Henderson, Herman, ap-So.....	Metropolis, Nev.
.....Clifton, Idaho	Provo
Henderson, Martin G.....	Provo
Henderson, Myrtle E., ss.....	Provo
.....Salt Lake City	
Henderson, Walter, e-J.....	Pleasant Grove
Hendricksen, Gale P., a-F.....	Afton, Wyo.
Heninger, Maurice K., a-F.....	Mapleton
.....Raymond, Alta, Canada	
Heninger, Melba, ap-Un.....	Provo
.....Lucky Strike, Alta, Canada	
Hennefer, Jay, fa-J.....	Springville
Herbert, Ana, e-F.....	
Herbert, Leo, c-So.....	Manassa, Colorado
Herbert, Mary, ss.....	Delta
Hermansen, Phyllis, e-So.....	Manassa, Colo.
Heslington, David C., ss.....	Midway
Heslington, Melbourne W., ss.....	Midvale
Heslop, Lamont Wm. e-S.....	Midvale
Hess, George M., a-So.....	Provo
Heywood, Edith, ap-So.....	Midvale
Heywood, Reid, a-J.....	Midvale
Hiatt, Bernell, c-F.....	Midvale
Hick, Walter H., ap-F.....	Logan
.....Portsmouth, Virginia	
Hicken, Fay, e-F.....	Holyoak, George A., ss.....
Hicken, Nelda, fa-So.....	Burley, Ida.
Hicken, Orson B., e-J.....	Hone, Earl, ss.....
Hicken, Verda, e-So.....	Tremont
Hickman, Albert H., a-F.....	Hone, Jennie, ap-F.....
Higginson, Essie, ss.....	Pleasant Grove
Higgs, Afton, ss-a-So.....	Hone, Muriel, ap-F.....
Higgs, Alice R., ss.....	Pleasant Grove
Hilgendorff, John G., e-Sp.....	Hooley, LaVar R., a-F.....
Hill, I Roy, a-So.....	Pleasant Grove
Hill, Laurel, e-J.....	Hoover, R. Lamar, a-J.....
Hill, LeRoy A., ap-Sp.....	Park City
Hill, Marian, ss.....	Hopkin, Fred, e-F.....
Hill, Ruth, c-F.....	Garland, Wyo.
Hill, Willis R., ss.....	Hopkin, Mary, e-F.....
Hinchcliff, Mary, e-J.....	Garland, Wyo.
Hinckley, Beulah, ss-a-S.....	Hopkinson, Jane, ss.....
.....Salt Lake City	Salt Lake City
Hinckley, Carol, ss.....	Hopkinson, Margaret, ss.....
Hinckley, Earl M., a-So.....	Salt Lake City
Hinckley, Ramona, fa-So.....	Hopla, Cluff E., c-F.....
.....Chicago, Illinois	Mapleton
Hinckley, Sylvia B., a-F.....	Hopper, Franklin T., e-So.....
.....Chicago, Illinois	Spanish Fork
Hintze, Mildred, ss.....	Horr, Ralph M., c-F.....
Hitchcock, Helen, c-F.....	Ely, Nev.
.....Great Falls, Mont.	Horr, Ruby D., fa-So.....
Hobson, Glen G., c-J.....	Grand Junction, Colorado
Hodge, Donald R., a-F.....	Horr, Ruth L., fa-J.....
.....Campbellsport, Wisconsin	Grand Junction, Colorado
Hodgkinson, Mina, ss.....	Hougaard, John D., ap-Sp.....
Hodgson, Roland, a-J.....	Salt Lake City
Hodson, Afton, c-Sp.....	Houtz, Delia, a-So.....
Hodson, Mae, e-So.....	Mapleton
Hodson, Robert G., c-F.....	Howard, Flora, e-F.....
Hofer, Alceodene, e-F.....	Huntington
Hoffer, Samuel E., a-Sp.....	Howe, Orvil, c-So.....
	Provo
	Howe, William S., c-J.....
	Provo
	Huber, Matilda, ss.....
	Midway
	Hudson, Roy, a-S.....
	Evanston, Wyo.
	Huff, Esther, a-S.....
	Provo R. D.
	Hughes, Arthur G., e-S.....
	Springville
	Hughes, Jos. Walden, a-Sp.....
	Spanish Fork
	Hughes, R. Frances, c-F.....
	Spanish Fork
	Hughes, Reed G., c-J.....
	Spanish Fork
	Huish, B. Hugo, a-F.....
	Douglas, Ariz
	Huish, Carol, ss.....
	Payson
	Huish, Lenora V., ss.....
	Payson
	Hull, Alvin C., G.....
	Ogden
	Hull, Melva A., ss.....
	Payson
	Hullinger, Harold E., ss.....
	Vernal
	Hullinger, Harvey, ss.....
	Lapoint

Hullinger, Orvel, e-J Lapoint
 Hullinger, Roland H., ss-e-S Lapoint
 Humphries, L. Orevia, ss Rupert, Ida.
 Humphrey, Thaola, a-Sp Provo
 Hunn, Dorothy, a-S Provo R. D.
 Hunt, Austin G., a-S Bunkerville, Nev.
 Hunt, Burton P., a-S Pine, Ariz.
 Hunt, Max, c-J Joseph City, Ariz.
 Hunt, Mildred, a-J Bunkerville, Nev.
 Hunt, Paul, a-Un Buhl, Ida.
 Hunter, A. Royal, a-So Provo
 Hunter, Ines, c-So Idaho Falls, Ida.
 Hunter, Virginia, c-Sp Provo
 Huntington, Mae, ss Springville
 Huntington, Robert C., e-F Midway
 Huntsman, Florence, fa-F Fillmore
 Hurd, June, c-Un
 Hill Spring, Alta, Canada
 Hurst, Florence F., ap-F
 Sanderson, Texas
 Hurst, Margaret, fa-F Panguitch
 Hurst, Phyllis, ss Los Angeles, Calif.
 Hutchings, Beth, a-Sp Lehi
 Hutchings, Brian L., a-J Midvale
 Hutchings, E. Laurel, e-Un Lehi
 Hutchings, Stanley A., a-F Midvale
 Hvala, Louise, a-F Price
 Hyatt, Ivan D., a-J Parowan

Imlay, Luetta, ss Hurricane
 Ingersoll, D. Grant, ss American Fork
 Ingram, Joyce, c-F Salt Lake City
 Irwin, Grace, ss Laketown
 Isbell, Dean J., fa-J Richfield
 Isom, Afton, a-J Hurricane
 Israelsen, Vernon L., ss-G Monroe
 Iverson, Ivan C., c-Sp Provo
 Ivie, Raymond, c-Sp Provo
 Ivins, Bertha H., ss Provo

Jackman, Golden L., ss-fa-S Salem
 Jackson, Elda, e-J Manassa, Colo.
 Jackson, Genevieve, e-F Provo
 Jackson, Louise, ap-F Provo
 Jackson, Margaret, e-F Provo
 Jacob, Gladys, c-Sp Provo
 Jacob, Milton, a-J Provo
 Jacobs, Keith H., c-So Pleasant Grove
 Jacobs, Madge, fa-J Provo
 Jacobson, DeWitt, a-J Provo
 Jacobsen, Lloyd M., e-J Ogden
 Jacobson, Orlan M., ap-F Oak City
 Jacobson Raymond, c-So Provo
 James, Don E., a-F Fayette
 James, Mae, c-Sp Provo
 Janssen, Helen, ss Murray
 Jarvis, George A., a-S St. George
 Jeffery, Iliff, G Provo
 Jeffery, Rondo N., a-F Delta
 Jenkins, Beth, a-Sp Provo
 Jenkins, C. Evan, ap-So
 Freedom, Wyoming
 Jenkins, Elvira, fa-J Provo
 Jenkins, Louise, ss Provo
 Jenkins, Ted N., a-F Provo
 Jensen, Blanche B. Jones, G.
 Spanish Fork

Jensen, Beulah, fa-So Provo
 Jensen, Cannon Hibbert, a-S Provo
 Jensen, Duane, e-J Cleveland
 Jensen, Elmo M., c-So Springville
 Jensen, Florence H., fa-Sp Provo
 Jensen, Heber G., ss
 Cardston, Alta, Canada
 Jensen, Henry, c-S Riverton
 Jensen, Indra W., ss Castle Gate
 Jensen, Ione, fa-F Elsinore
 Jensen, J. Robert, a-F Provo
 Jensen, Jack N., c-F Provo
 Jensen, James, ap-J Preston, Nev.
 Jensen, John H., Jr., c-So Provo
 Jensen, Kay, fa-F Provo
 Jensen, Lola, e-Sp Nephi
 Jensen, Lula, ss Emery
 Jensen, Mabel, a-So Provo
 Jensen, Mamie E., G. Provo
 Jensen, Mae, ss Elsinore
 Jensen, Marie, e-J Spring City
 Jensen, Marjorie, e-F Salt Lake City
 Jensen, Mary, c-So Byron, Wyo.
 Jensen, Phil D., c-F American Fork
 Jensen, Ralph, G Ogden
 Jensen, Ray O., e-J Manassa, Colo.
 Jensen, J. Seymour, ss Mt. Pleasant
 Jensen, N. Howard, ss Tooele
 Jensen, Oliver T., ss Salt Lake City
 Jensen, Walter A., G. Salt Lake City
 Jensen, Wanda, a-So Manassa, Colo.
 Jensen, Whitney, c-F Richfield
 Jepperson, Richard, e-F Provo
 Jeppesen, Geraldine, ss Provo
 Jeppesen, Rhodes, ss Provo
 Jewkes, Jackson O., ap-So Price
 Jex, Fawn, e-So Spanish Fork
 Jex, J. Lorin, fa-F Provo
 Johansen, Mable, c-F
 Woolford, Alta, Canada
 Johansen, Nellie, ap-F
 Woolford, Alta, Canada
 Johansen, Verl E., ss Mt. Pleasant
 John, Gussie B., ss Provo
 Johns, Twyla, ap-F Spanish Fork
 Johnson, Afton, a-Sp Provo
 Johnson, Allen W., c-J Gunnison
 Johnson, Alton M., a-Un Vernal
 Johnson, Arnold C., a-F Lovell, Wyo.
 Johnson, Arthur H., e-S Provo
 Johnson, Blaine H., fa-J Spanish Fork
 Johnson, Burton C., a-F Springville
 Johnson, Clair W., G Provo
 Johnson, Clara H., ss Huntington
 Johnson, Cleoma, c-F Elsinore
 Johnson, Cyrus, c-F Spanish Fork
 Johnson, Doran R., a-Un Provo
 Johnson, Elwood J., a-F Provo
 Johnson, Frances, fa-F Spanish Fork
 Johnson, Fred D., a-F Provo
 Johnson, Fred L., c-F Richfield
 Johnson, Glenn A., ap-J Provo
 Johnson, George E., ap-F Provo
 Johnson, Georgiana, ss Provo
 Johnson, Ina, ss Salt Lake City
 Johnson, Ione, a-So Vernal

Johnson, Irvin L., ap-FProvo
 Johnson, Kathleen, ap-FWashington, D. C.
 Johnson, L. LaVar, a-SoPayson
 Johnson, LaVell F., ss.....Fountain Green
 Johnson, Leona, fa-UnProvo
 Johnson, Malcolm M., a-JTerry, Montana
 Johnson, Margaret, ss-fa-So.....Provo R. D.
 Johnson, Mildred, c-FMorgan
 Johnson, Minerva, ssSpringville
 Johnson, Morris R., ss.....Salt Lake City
 Johnson, Meryle, ss-e-JTaber, Alta, Canada
 Johnson, Nelda, ap-So.....Springville
 Johnson, Norma, e-FProvo
 Johnson, Paul, e-SoBarnwell, Alta, Canada
 Johnson, Paul M., e-F.....Terry, Mont.
 Johnson, Pearl, e-FPayson
 Johnson, Phyllis, e-JBrigham City
 Johnson, Ray, a-FLeamington
 Johnson, Ray Elmer, c-FWashington, D. C.
 Johnson, Robert O., a-SoLehi
 Johnson, Ruth A., c-SpProvo
 Johnson, Ruth Amanda, ap-F.....Manti
 Johnson, Steve B., a-JMarysville, Calif.
 Johnson, Van, fa-F.....Byron, Wyo.
 Johnson, Wanda, ap-SVernal
 Johnson, Zola, e-SoHuntington
 Johnston, Delwin, a-F.....Blackfoot, Ida.
 Johnson, Helen, fa-J.....American Fork
 Jolley, Calvin B., c-FLong Beach, Calif.
 Jolley, Udell, ss-a-SProvo
 Jones, Aaron E., a-F.....Mt. Pleasant
 Jones, Andrew J., ssSandy
 Jones, Dale E., GProvo
 Jones, Donna, c-SoByron, Wyo.
 Jones, Dorothea, ssProvo
 Jones, ElRoy, ss-GProvo
 Jones, Emil O., c-So.....Gilmer, Texas
 Jones, Etta, ssProvo
 Jones, Florence, ssProvo
 Jones, J. Petty, ap-FProvo
 Jones, Jennie, c-Sp.....Spanish Fork
 Jones, John P., c-F.....Salt Lake City
 Jones, Josephine, fa-SoCol. Dublin, Chih, Mexico
 Jones, Josephine W., ssProvo
 Jones, Kaye H., c-So.....Flushing, N. Y.
 Jones, LaVar E., a-F.....Byron, Wyo.
 Jones, LaVerne, ap-So.....Overton, Nev.
 Jones, E. LeRoi, fa-SBacchus
 Jones, Mable L., a-SpLehi
 Jones, Marvelle, ss-ap-FProvo
 Jones, Ruth, fa-FLehi
 Jones, Saxon M., fa-FIoka
 Jones, Vivian E., c-JProvo
 Jones, Yvonne, c-SpProvo
 Jordan, James F., ss.....Mt. Pleasant
 Jorgensen, Calva e-SoLeota
 Jorgensen, Florence, ssCastle Dale

Jorgensen, Glade, fa-J.....American Fork
 Jorgensen, Jordan V., c-So.....Provo
 Jorgensen, Lucille, ssPrice
 Jorgensen, Mylo E., e-JPcoa
 Jorgensen, Pearl, ss.....American Fork
 Jorgensen, Ray D., a-FHeber
 Jorgensen, Vivian, ss.....American Fork
 Joseph, Claudia, ssParowan
 Judkins, Leonard N. ssOgden
 Justensen, Bernice, ssProvo

Kartchner, Fred D., ssProvo
 Kartchner, Ray, ssProvo
 Kartchner, Roscoe H., e-UnProvo
 Kavachevich, Melvin Wm., c-S.....Provo
 Keate, Virgil H., a-FRichfield
 Keebler, Joe F., c-FProvo
 Keele, Vern W., a-F.....Spanish Fork
 Keeler, Essie R., ssProvo
 Kelley, Bernice, fa-F.....Shelley, Idaho
 Kelley, Irving B., a-SoWest Harwich, Mass.
 Kelly, Ralph S., a-J.....St. Anthony, Ida.
 Kampton, Howard W., a-FPayson
 Kendall, Bessie Marie, c-S.....Nephi
 Kendell, Grant A., e-S.....Ogden
 Kennedy, Otto R., c-SoRandolph
 Kenner, Glenn R., ssManti
 Kent, Grace, e-FLewiston
 Kiholm, Francis J., fa-F.....Shelley, Ida.
 Killian, George W., e-J.....Orangeville
 Killian, Treva, e-FRoosevelt
 Killpack, Kenner W., ap-J.....Huntington
 Killpack, Mae S., ssProvo R. D.
 Killpack, Marjorie, e-SoIdaho Falls, Idaho
 Killpack, Merlin L., a-So.....Provo
 Killpack, Ward W., c-F.....Delta
 Kimball, Althea A., ssProvo
 Kimball, Marveta, ssProvo
 Kimball, S. Heber, e-SoVernal
 Kimberlin, Marion M., ssSalt Lake City
 Kindred, Ted R., a-FSpringville
 King, Dwight, c-SoProvo
 King, La Vonne, c-UnRaymond, Alta, Canada
 King, Naomi J., fa-SpProvo
 King, Stella, ssGrace, Idaho
 Kirk, B. Kathryn, c-FMilford
 Kirk, Helma, ap-FProvo
 Kirk, Rebecca, c-JProvo
 Kirkham, Mary, e-FProvo
 Kirkham, Ned, c-F.....Salt Lake City
 Kirkham, Ralph, fa-JTremonton
 Kitchen, Hazel, ap-FProvo
 Klemme, Bob A., e-SoBozeman, Montana
 Klinger, K. Cardon, a-So.....St. Anthony, Idaho
 Knight, Milton R., a-FHinckley
 Knight, Richard B., c-SProvo
 Knight, Vondella H., ss.....Fairview
 Knott, Emelia V. D., GCouncil Bluffs, Iowa
 Knudsen, Beth, e-SoProvo

Knudsen, Dean L., c-Sp Provo
 Knudsen, Eudora, ap-So Lehi
 Knudsen, Genevieve, ss. Salt Lake City
 Knudsen, Leola, e-So Provo
 Knudsen, Merl, e-J Lehi
 Knudson, Moyle, c-So Portage
 Knudsen, Wesley F., a-So Provo
 Kocherhans, Lavor P., c-J. Provo R. D.
 Korth, Clara, e-F Garland
 Krueger, Beth, a-J Spanish Fork
 Kuhn, Paul G. Midvale
 Kump, LaVar, e-J Provo

Laker, Willard E., ss Price
 Lamb, Millie, c-Sp Provo
 Lambert, Carlyle B., a-J Provo
 Lambert, James E., c-J Provo
 Lambert, Maurice, a-So Roosevelt
 Lambert, Theron, G. Roosevelt
 Lamph, Max D., a-F Provo
 Langston, Grant, a-J Rockville
 Larch, Beth, c-F Idaho Falls, Ida.
 Larkin, D. Jason, c-F Willard
 Larsen, Alice M., ss Ouray
 Larsen, Clarice, c-F Lehi
 Larsen, Clerynth J., ss Beaver
 Larsen, Don H., a-F Provo
 Larson, Elwood A., e-F Cleveland
 Larsen, Harold, c-J Sandy
 Larsen, Harold E., a-So Richfield
 Larsen, Herbert R., a-S. Heyburn, Ida.
 Larsen, Ilene, fa-F Cleveland
 Larsen, J. LaMar, a-So Gunnison
 Larsen, Lyman G., ss-e-Sp Pleasant Grove

Larsen, Norma, e-F Wells, Nev.
 Larson, Norma Rae, c-F Provo
 Larsen, Paul W., a-F Provo
 Larsen, Rex B., G. Provo
 Larsen, Ronald F., a-J Provo
 Larsen, Thomas C., a-So Pleasant Grove

Larsen, Vanetta, ss Mt. Pleasant
 Laughlin, Hazel, ss Salt Lake City
 Law, Elcee, e-J Delta
 Laws, Elroy D., a-F Provo
 Laws, W. Derby, a-So Blanding
 Laycock, Harold R., fa-S Lethbridge, Alta, Canada

Laye, Arma, e-J Richfield
 Laye, Rhoda, e-So Richfield
 Layton, Iwa, a-J Kaysville
 Layton, Lucile H., ap-F Layton
 Letherbury, Jack B., a-F Eureka
 Leavitt, Achel J., e-S Bunkerville, Nevada

Leavitt, Hafen, ap-So. Mesquite, Nev.
 Leavitt, Laurel E., ss. Mesquite, Nev.
 Leavitt, Merlin, c-F Mesquite, Nev.
 LeBaron, Arthur B., c-F Barnwell, Alta, Canada

LeBeau, Boneta E., a-J Roosevelt
 LeBeau, LaVar, e-F Roosevelt
 Lee, Harold, ss Cardston, Alta, Can.
 Lee, Idonna, fa-Un Idaho Falls, Ida.
 Lee, Lorine, ss-a-Sp Provo

Lee, Ula, e-J Panaca, Nev.
 Lee, Virginia, fa-So Provo
 Lee, Wilford D., ss-G Provo
 Lees, Thelma, e-J. Los Angeles, Calif.
 Lefler, J. Ross, ss Kamas
 Lemmon, Emeline, ss St. George
 Leonard, Alma L., c-F Huntington
 Leonard, Drew W., c-So Huntington
 Leonard, Guy E., ss Huntington
 Leonard, W. Hugh, fa-So Huntington
 LeSueur, C. Gordon, ss-fa-S Eagar, Arizona

LeSueur W. Wallace, e-F Mesa, Ariz.
 LeSueur, Woodrow, ap-So Eagar, Arizona

Levi, Emil E., ss Greenway, So. Dak.
 Levi, Milbert H., ss American Falls, Idaho

Levin, Stella, fa-Sp Provo
 Lewis, Ben E., c-F Salt Lake City
 Lewis, Carmen F., ss Price
 Lewis, Eldon F., c-F Provo, R. D.
 Lewis, George W., fa-F Preston, Ida.
 Lewis, H. LeGrande, a-So Provo

Lewis, John D., c-J Provo
 Lewis, Lorean, e-So Overton, Nev.
 Lewis, Murray R., ss Moroni
 Lewis, Walter M., c-F Salt Lake City
 Liechty, Ida, ss Provo
 Liechty, Louise, e-F Provo

Lindley, Carl A., fa-F Provo
 Lindsay, Areva, a-F Heber
 Lindsay, Charlotte, c-So Phoenix, Arizona

Lingard, Rachel D., ss Salt Lake City
 Liston, Stanley, e-F Escalante
 Little, Edna May, fa-F Morgan
 Little, Harriet F., ss Magna
 Livingston, Faun, ap-J Provo
 Livingston, Mari Etta, ap-F Provo
 Llewellyn, Margaret L., ss-e-S Salt Lake City

Lloyd, Vaughn L., e-J Riverton
 Lodge, Patricia, e-J Tooele
 Lorensen, Boyd, a-F Elsinore
 Losee, Ferron C., ss Provo
 Losee, Warren E., ss Provo
 Losser, Harold R., c-F Denver, Colo.

Lott, Delbert S., ap-F Huntington
 Lott, Marie, c-F Lehi
 Love, Raymond N., c-J St. George
 Loveland, LaVere M., a-So Rupert, Idaho

Loveless, Helen, fa-So Copperton
 Lovell, LaForge A., a-F Leamington
 Loveridge, Richard L., c-So Springville

Low, W. Denver, c-So Cardston, Alta, Canada
 Lowe, Effie, e-J Ogden

Luce, Willard R., e-So Price
 Ludlow, Bert J., c-F Spanish Fork
 Ludlow, Jay L., a-S Benjamin
 Ludlow, Lavinia, ss-c-So Spanish Fork

Luke, J. Maurine, fa-F Filer, Ida.

Lund, Ella, ss	Rigby, Ida.
Lund, Fay, e-So	Gunnison
Lund, Leon G., ss	Fountain Green
Lund, Maeser, a-F	Eagar, Ariz.
Lund, Margaret, ss	Mt. Pleasant
Lundquist, Earl, c-J	Ogden
Lundquist, Junior, fa-S	Ogden
Lynn, Lawrence W., ap-F	
	Lovell, Wyoming
Lyon, Aileen, c-J	Overton, Nev.
Lyon, W. Jennings, a-F	
	Hastings, Nebraska
MacKay, Howard C., c-F	Provo
Madsen, Allan, a-Sp	Fairview
Madsen, Charles H., ss	Price
Madsen, Eva, ss	Provo
Madsen, Harold, ap-S	Provo
Madsen, Lenora K., ss	Price
Madsen, Macksene, a-Sp	Provo
Madsen, Matthew D., fa-So	Gunnison
Madsen, Russell J., c-So	Provo
Madsen, Thelma, e-So	Heber
Magleby, Burns E., c-J	Monroe
Malmquist, May, ss	Sigurd
Mangum, Ina M., ap-Sp	Provo
Manning, Ivy N., a-So	Burley, Ida.
Manson, Jerald, c-J	Provo
Manwaring, Gladys, c-S	
	Rexburg, Idaho
Manwaring, Hazel, ss	Roosevelt
Manwaring, Iris, ss-e-J	Vernal
Manwill, Mildred, e-So	Payson
Marchant, Elloyd T., fa-F	
	Cowley, Wyoming
Marchant, Erma, e-So	Peoa
Marchant, Hazel, e-F	Peoa
Marchant, Mary, e-So	Peoa
Marchant, Moroni A., ap-J	Peoa
Marcroft, J. Arval, e-Un	
	Hynes, California
Markham, Gladys, ap-So	Spanish Fork
Harkham, Mae, e-J	Spanish Fork
Marrott, Vern L., fa-F	Pleasant Grove
Marsden, Althea G	
	Cardston, Alta, Canada
Marsden, Irene, fa-J	Parowan
Marsh, Edith, e-J	Alpine City
Martin, James P., aj-J	Provo
Martin, Mac, a-F	Oakley, Idaho
Martin, Raymond, ss-e-Sp	
	Samaria, Idaho
Martin, Thomas P., ap-So	Provo
Martineau, Carl P., fa-Sp	Provo
Martineau, June, a-S	Pocatello, Ida.
Marx, Sylvan J., a-F	Elsinore
Mason, Grant, ss	Richfield
Mathews, Freeda, a-F	Panaca, Nev.
Mathis, Charlotte, c-F	Price
Mathis, Fae, e-So	New Harmony
Mathis, Mrs. George, ss	Price
Mathis, Melva, e-J	New Harmony
Matson, Wanda, ap-Sp	Mt. Pleasant
Mattsson, Blanche, fa-F	Salina
Maughan, Angus M., ss	Richfield
Maxwell, B. Alva, ss	Eagar, Arizona
Maxwell, Lin V., ap-J	Eagar, Ariz.
Maxwell, M. Eldridge, ss	Eagar, Ariz.
May, Chester H., c-J	Rupert, Ida.
Maycock, Naomi, e-J	Springville
Mayer, Charlotte, ap-So	
	Manderson, Wyoming
McAdam, Beverly B., e-So	
	River Edge, N. J.
McAfee, Boyd H., a-F	Provo
McAfee, Paul G., c-F	Provo, R. D.
McAllister, Dorothy, ap-So	
	Spanish Fork
McAllister, Lloyd, e-F	Kanab
McAlister, Richard W., ss	Blanding
McAllister, Wells A., fa-F	
	Santa Barbara, Calif.
McAnulty, Dale, ss	
	Anton Chico, N. M.
McArthur, Arthur E., c-So	Provo
McBeth, Paul, e-J	Payson
McBride, Harold W., a-Sp	
	Pima, Arizona
McCaffery, Mrs. Philip, fa-Sp	Provo
McCullough, Barbara, e-J	
	Ouray, Colorado
McDonald, Elmer G., a-F	
	Idaho Falls, Idaho
McDonald, Jenetta, ss-e-S	Brigham
McDonald, Winnifred L., a-S	
	Midvale
McDougal, James L., ss	
	Campbellsport, Wisconsin
McDougal, Gilbert A., a-F	
	Campbellsport, Wisconsin
McEwan, Helen, c-F	Provo
McGregor, Alma, a-Sp	St. George
McGregor, Karma, G	St. George
McGregor, Mary, G	St. George
McGuire, Dorothy, a-So	Provo
McGuire, James A., G	Provo
McGuire, John H., Sp	Provo
McGuire, Tessie, ss	Heber
McIntire, Floyd C., G	Price
McIntire, Junius M., a-F	Price
McIntire, Wayne F., G	Price
McIntosh, Fern, e-So	Mt. Pleasant
McKay, Donald S., fa-So	Ogden
McKell, Arthur N., c-J	Spanish Fork
McKell, Mark A., c-F	Spanish Fork
McKenzie, S. Howard, ss-c-J	
	Springville
McKnight, James C., c-F	Moreland
McKnight, Neil H., c-S	Moreland
McMullin, DeLoey, c-So	Midvale
McMullin, Jack F., a-F	Beaver
McMurray, Wendell, c-F	Oakley, Ida.
McOmie, Clara, e-So	Lark
McPhie, Hazel M., ss	Provo R. D.
McTague, Wayne R., c-F	
	American Fork
Mecham, Lorna, a-F	Provo R. D.
Meecham, William J., ap-F	Provo
Meeks, Gladys, ap-F	Bicknell
Meeks, Margaret, ap-F	Bicknell
Meiling, Virginia, fa-So	Lehi
Mellor, Lynn W., a-F	Fayette

Mellor, Paul, ap-F	Fayette
Memmott, LaPrele, c-So	Scipio
Memmott, Orion P., ss	Scipio
Mendenhall, Erma, c-F	Springville
Mendenhall, Max D., fa-So	Mapleton
Mensel, Dorothy, ss	Provo
Mensel, Laura, ss	Provo
Mensel, Marjorie, fa-F	Provo
Menzies, Belva, ss	Provo
Menzies, Lila, ss-ap-J	Provo
Meredith, Clea, c-F	Provo
.....	Belle Fourche, S. D.
Merrill, Bentley, e-J	Provo
Merrill, Edna J., ss	Provo
Merrill, Eliza D., e-Sp	Provo
Merrill, Harriet, e-So	Smithfield
Merrill, Marjorie, c-F	Richmond
Merrill, Paul A., a-So	Provo
Merrill, Reynold C., Jr., e-So	Provo
.....	Richmond
Merrill, Venus, fa-F	Preston, Idaho
Merrill, Vernon M., G	Price
Meyrick, Verl H., e-S	Mt. Pleasant
Mickelsen, Gail, e-So	Draper
Mickelson, LeRay A., ss	Manti
Mickelsen, Pauline, fa-Sp	Manti
.....	Sanford, Colorado
Midgley, Joy, ap-F	Salt Lake City
Mifflin, DeVota D., e-S	Malad, Ida.
Mildenhall, Eva, a-F	Provo
Miles, James R., c-F	Ogden
Miles, Lawrence D., a-So	Tooele
Miles, Robert, ss	Morgan
Miller, A. Woodruff, ap-J	Provo
.....	St. Anthony, Idaho
Miller, George L., e-So	Tremonton
Miller, Ivan, ap-F	Hyrum
Miller, Lowell S., ss-a-F	Provo
Miller, Melba, c-So	Venice
Miller, B. Rich, c-F	Venice
.....	Great Falls, Montana
Miller, Verda, c-F	American Fork
Miller, Vivienne, e-F	Basin, Wyo.
Miller, William D., a-F	Basin, Wyo.
.....	Claresholm, Alta, Canada
Milliner, Darrel R., e-J	Peoa
Mills, J. Ray, a-F	Pleasant Grove
Milner, Ruby, e-F	Price
Miner, Delbert L., a-J	Fairview
Miner, Ernest L., ss	Heiner
Miner, Fred R., c-S	Magna
Miner, J. Edwin, e-F	Fairview
Miner, Gordon B., a-So	Provo
Miner, Harold P., c-F	Springville
Miner, Harriett, a-J	Springville
Miner, Marian, fa-So	Springville
Miner, Mary, a-F	Norristown, Penn.
Miner, Melvin, G	Provo R. D.
Mines, Herman, e-J	Murray
Mitchell, Beth, e-F	Sandy
Mitchell, Irene, e-J	Provo
Mitchell, Katharine, e-So	Provo
Mitchell, Ruth, e-F	Sandy
Moe, Edward O., c-J	Provo
Moffat, Max H., c-J	Provo
.....	Los Angeles, California
Moffett, Dessie A., ss	Duncan, Ariz.
Moffett, Joseph F., ss	Duncan, Ariz.
Moffitt, Charlotta F., ss	Altonah
Moffitt, R. Easton, ss-fa-Sp	Manti
Moncur, Vern L., e-S	Rupert, Ida.
Monk, Ralph W., a-S	Spanish Fork
Monson, A. Bardell, a-F	Spanish Fork
.....	Pleasant Grove
Monson, Jesse H., a-S	Pleasant Grove
.....	Pleasant Grove
Montgomery, Edna L., ss	Heber
Montgomery, Elaine, a-F	Heber
Montgomery, Louise, e-J	Heber
.....	Corpus Christi, Texas
Moon, Dora, ap-J	Hanna
Moon, James D., fa-Un	Hanna
Moon, Marjorie, e-So	Hanna
Moon, Vernon, ap-So	Hanna
Moore, Eleanor, ap-So	Hanna
.....	Spanish Fork
Moore, Huish, ss	Payson
Moore, Lenard D., a-F	Spanish Fork
Moore, W. Harvey, a-S	Spanish Fork
.....	Spanish Fork
Morgan, Betty, fa-So	Moore, Ida.
Morgan, Lucille, ap-So	Kuna, Ida.
Morley, LaPrele, fa-F	Moroni
Morrell, Hattie, ss	Hyde Park
Morrall, Helen C., ss	Lyman
Morrill, Clara, c-F	Tridell
Morrill, Gwen, e-J	Junction
Morrill, Horace L., e-F	Tridell
Morrill, J. Glenn, ss-G	Tridell
Morrill, H. LeRoy, ss	Tridell
Morrill, Olive Lemon, e-J	Roosevelt
Morrill, A. Reed, ss-Sp	Roosevelt
Morrill, Shirl P., c-So	Junction
Morris, Rachel B., ss-fa-Sp	Provo
Mortensen, Arlington Russell, a-S	Provo
.....	Provo
Mortensen, Chris I., c-So	Riverton
Mortensen, Clara, e-J	Mayfield
Mortensen, Donald G., e-S	Mayfield
.....	No. Hollywood, Calif.
Mortenson, Mark, a-F	No. Hollywood, Calif.
.....	No. Hollywood, Calif.
Moulton, Henry, ss	Heber
Mower, Harold T., a-J	Provo
Mower, John F., ss	Provo
Mower, Orson W., c-J	Ogden
Muhlestein, Sterling R., a-F	Ogden
.....	Provo R. D.
Muhlestein, Tell G., fa-So	Provo
Muhlestein, Wanda, a-Un	Provo
Mulvihill, John J., fa-J	Provo
.....	Grand Junction, Colorado
Murchison, Mrs. C. R., ss	Provo
Murdock, Carlie, e-F	Beaver
Murdock, Cuthbert F., a-F	Beaver
.....	Provo, R. D.
Murdock, John R., c-S	Heber
Murdock, Lucile Ann, ss	Heber
.....	Salt Lake City
Murdock, Maurine, ss-fa-J	Provo
Murdock, Verd T., e-F	Heber
Murphy, Paul, c-S	Upalco

Murray, Lawrence, a-So Vernal
 Murry, Mark, c-So Provo
 Murri, Lois, e-J St. Anthony, Ida.
 Musser, Bertha B., ss Salt Lake City
 Myers, Ethelyn, e-F Provo

Naishe, Robert A., a-F
 Los Angeles, California
 Nance, LuDema, ss Idaho Falls, Ida.
 Nash, Edith, ss Springville
 Nebeker, Gwendolyn, c-F Richfield
 Neill, Jeanne, a-F Springville
 Neilson, R. Clark, a-S Provo
 Neilson, RoNelda, ap-F Provo
 Nelson, Alice, ss Woods Cross
 Nelson, Bill, c-So Provo
 Nelson, Carl O., ss Payson
 Nelson, Charlotte, fa-J Taylor, Ariz.
 Nelson, Clifford, ss Glenwood
 Nelson, Earl W., e-J Rexburg, Ida.
 Nelson, Edna V., ss Pleasant Grove
 Nelson, Evan G., ss-e-Sp Ferron
 Nelson, Howard R., fa-F
 Pleasant Grove

Nelson, Leo B., ss American Fork
 Nelson, Leona, a-J Elberta
 Nelson, Lynn A., a-So Provo
 Nelson, Marian, e-So Payson
 Nelson, Maurine, e-So Payson
 Nelson, Ray C., a-F American Fork
 Nelson, S. LaRelle, a-S Rexburg, Ida.
 Newbold, Howard, c-F Riverton
 Newcomer, Vincent, fa-S Morgan
 Newell, Jane A., c-F Provo
 Newell, M. Clark, e-So Mona
 Nicholes, Eleanor, ss Provo
 Nicholes, Fern S., ss American Fork
 Nicholes, Henry J., G Provo
 Nicholes, Max M., ss-ap-So Provo
 Nicholes, Paul S., ss Eagar, Ariz.
 Nielsen, Alfred C., ss Salt Lake City
 Nielson, Eve, ap-F Manti
 Nielsen, Fred, c-So American Fork
 Nielson, H. Reed, c-S Monroe
 Nielson, Ione, ap-F Mapleton
 Nielson, J. Grant, c-F Springville
 Nielsen, James E., ap-F Salina
 Nielson, Jennie, e-So
 Grants, New Mexico

Nielson, Lalia, ap-F Idaho Falls, Ida.
 Nielsen, Mabel, ss-e-Sp Murray
 Nielson, Raymond L., e-J Centerfield
 Nielson, Ross T., c-F Richfield
 Nielsen, Wayne J., a-F Shelley, Ida.
 Nisson, Antone W., G Washington
 Nokleby, M. Lee, a-So Boise, Ida.
 Norton, Ray A., e-F Murray
 Nosack, F. Keith, fa-J Riverton
 Nosack, J. Walter, e-J Riverton
 Noyes, Junius, a-Un
 American Fork

Oakley, Reginald R., c-So Springville
 Oaks, Eunice, c-F Vernal
 Oldham, Edna, ss Paradise
 Oldham, Edward P., ss Paradise
 Oldroyd, Geneel, ss-e-J Venice

Oldroyd, Golden C., ss Nephi
 Oldroyd, Janice, ss Lyman
 Oldroyd, Jessie, ss Fountain Green
 Oldroyd, Reed, a-So Fountain Green
 Oliphant, Elgin, ss-e-J Provo
 Olsen, Anna, ap-P Provo
 Olson, Arvilla, ap-So Midvale
 Olsen, Ben C., c-So Springville
 Olson, C. Garth, c-J Payson
 Olson, Crista, ss Payson
 Olsen, Dean E., ap-J Provo R. D.
 Olsen, Garn J., ss Spring City
 Olson, Georgia, ss-fa-J Fairview
 Olsen, Grace, a-F Salt Lake City
 Olsen, H. Lowell, a-J Provo
 Olson, Jay, c-J Provo
 Olsen, L. Clifford, ap-Un Provo R. D.
 Olsen, Margaret, ss Pleasant Grove
 Olson, Marjorie, fa-Sp Provo
 Olson, Ruby, e-J Moroni
 Olsen, Sterling R., a-J Spanish Fork
 Openshaw, Byron J., fa-F Santaquin
 Orgill, Virila, ss Riverton
 Orser, W. Dee a-F Roosevelt
 Oswald, Dale L., c-F
 Idaho Falls, Idaho

Oswald, Lois, a-J Iona, Ida.
 Oswald, Nolan C., ss-a-J
 Idaho Falls, Idaho

Ottensen, Mary, e-J Spanish Fork
 Ottley, Phyllis, c-F Aurora
 Ottley, Warren S., c-F Salt Lake City
 Owen, John R., c-S Kenilworth

Pace, Clarence E., c-F Hoytsville
 Pace, Joseph, ss-a-J Provo
 Pace, Kathryn, ss-ap-F Provo
 Pace, Marjorie, a-F Safford, Ariz.
 Pace, Pauline, a-J Boneta
 Packard, Jane, fa-So Provo
 Packard, Tess Child, fa-S Springville
 Pagano, Josephine, ss Price
 Page, Fred T., c-S Payson
 Page, Mildred, ap-F Payson
 Palfreyman, Bernice, ap-F Springville
 Palfreyman, Elva, c-Sp Provo
 Palfreyman, Helen, e-S Springville
 Palfreyman, Warwick C., ap-J
 Springville

Palmer, John W., c-F Grantsville
 Pardoe, Catherine, a-F Provo
 Pardoe, William E., c-So Provo
 Parker, Alice, a-Sp American Fork
 Parker, Eva, fa-F Honolulu, Hawaii
 Parker, Grace, ss American Fork
 Parker, Mary, e-So Draper
 Parkes, Margaret, e-So Nephi
 Parkinson, Max D., a-F Rexburg, Ida.
 Parkinson, Wayne A., ap-F
 Salt Lake City

Parrish, Chloe, e-F Farmington
 Parrish, Josephine, fa-F Peterson
 Parrish, Mary, e-So Peterson
 Parrish, Wilma, e-F Myton
 Parry, Robert W., ap-Sp Ogden
 Partridge, Maude, ss Provo, R. D.
 Patrick, Louise, fa-F Springville

Pettersson, Thomas L., a-F _____ Clear Creek
Petty, Helen, c-F _____ Provo
Petty, Wesley, a-F _____ Rains
Phillips, Ada, e-F _____ Lehi
Phillips, Carlos A., a-So _____ Twin Falls, Idaho
Phillips, Robert O., a-F _____ Inglewood, Calif.
Pickett, Mathew, c-F _____ Randolph
Pickup, Clair, c-S _____ Vernal
Pickup, Grant, a-So _____ Pleasant Grove
Pierce, Arthur Clyde, c-So _____ El Paso, Texas
Pierce, Byron W., a-So _____ Spanish Fork
Pierce, Florence, e-J _____ Roosevelt
Pierce, Ireta May, a-S _____ El Paso, Texas
Pierce, Merlin D., c-J _____ El Paso, Texas
Pierce, Wendell L., ap-F _____ El Paso, Texas
Pierpont, Eva D., fa-Sp _____ Provo
Pierpont, Mildred, c-F _____ Provo
Pierson, Ronald L., e-So _____ Ogden
Pintar, Mary, a-So _____ McGill, Nevada
Pitcher, Callis H., c-F _____ Cardston, Alta, Canada
Pitcher, Katie, e-So _____ Cardston, Alta, Canada
Pitcher, Walter H., G _____ Cardston, Alta, Canada
Pitchforth, Lucile S., ss _____ St. George
Pitt, Wallace, ap-J _____ Kamas
Pohlman, Rhoda May, e-J _____ Hollister, Idaho
Pomeroy, Gail F., c-So _____ Mesa, Ariz.
Pond, Beth, fa-So _____ Fairfield, Ida.
Pond, Cleo, e-So _____ Fairfield, Ida.
Pond, Doris, fa-F _____ Lewiston
Porter, Adria R., fa-Sp _____ Provo
Postma, Clara, fa-F _____ Vernal
Postma, Frank, fa-S _____ Vernal
Poulson, Ardis, e-F _____ Provo
Poulson, Elmo S., c-S _____ Provo
Poulson, Florence, a-F _____ Richfield
Poulson, Marion W., ss _____ Salt Lake City
Poulson, Merritt, ss-a-Sp _____ Scipio
Poulson, Stanford E., a-F _____ Richfield
Powell, Esther, e-F _____ Upton
Powell, Lois, e-F _____ Payson
Powell, Parley A., ss _____ Upton
Powell, P. Max, ss-e-So _____ Provo
Powell, Verdi T., fa-J _____ Ogden
Powelson, A. Marion, ss-ap-Sp _____ Provo
Powelson, Clara, c-F _____ Byron, Wyo.
Powelson, Fred, e-J _____ Provo
Powelson, Gladys, c-F _____ Byron, Wyo.
Powelson, Stanley, e-F _____ Goshen
Pratt, Beatrice, e-J _____ Hinkley
Pratt, Beth, fa-J _____ Provo
Pratt, Helaman, fa-F _____ Provo
Pratt, Jean, a-So _____ Col. Dublan, Chih, Mexico
Pratt, Rey L., c-F _____ Provo
Pratt, Wm. Marion, c-Un _____ Salt Lake City

Price, Dale H., a-F Provo
 Price, Eva, a-F Roosevelt
 Priday, Leland F., c-S American Fork
 Prince, Beth, ap-So Price
 Prince, Rhoda R., ss Hurricane
 Prior, David, e-J Spanish Fork
 Probst, Clarence, ss Midway
 Probst, Mae, ss Midway
 Probst, Reed G., Sp Bancroft, Ida.
 Probst, Sylvia, ss Midway
 Proctor, Annie C., e-S Spanish Fork
 Pulham, Clive F., a-F
 McKinnon, Wyoming
 Pulham, Lelian, fa-F Cody, Wyo.
 Pulham, Maxine, ss Salt Lake City
 Pulham, Ronald J., fa-So
 McKinnon, Wyoming
 Purdy, William E., fa-So
 Oakley, Wyoming
 Pyne, Lucile, c-S Provo
 Raile, Barbara, a-F Provo
 Rambeau, Jean, ss Provo
 Randall, Beryl, fa-F Pine, Arizona
 Rasband, Lincoln, e-S Heber
 Rasband, Mima, ss-e-Sp Heber
 Rasmussen, Audrey, e-Sp Provo
 Rasmussen, Levar G., a-So
 Burlington, Wyoming
 Rasmussen, Genevieve, ss Midvale
 Rasmussen, Miriam, ap-F, ss Provo
 Rasmussen, Ruth, ss, e-S Rupert, Ida.
 Rawlinson, Harvey, fa-J Delta
 Rawlings, Max, c-F Provo
 Rebentisch, Hamilton, a-F
 Portland, Oregon
 Reber, Leonard, ss Mesquite, Nev.
 Redd, Paul H., ss
 Raymond, Alberta, Canada
 Redd, Shirley, e-J Provo
 Redd, Venice, c-F Provo
 Redd, Vincent, a-S Blanding
 Reece, T. H., c-So Payson
 Reeder, Wm. Henry, ss-a-S Ogden
 Reese, Darwin, a-F Provo
 Reese, Marjorie, ap-F Provo
 Reese, Merrill J. ss-e-Sp
 Bloomington, Idaho
 Reeve, Margaret, e-So Hinkley
 Rehor, William, a-F Helper
 Reichert, Malno, ap-So Price
 Reid, Ernest L., c-J Hinkley
 Reid, W. Eugene, ss Kenilworth
 Reid, Margaret, ap-F Magna
 Reid, Ray, a-S St. George
 Rex, Barbara, ap-F Randolph
 Reynolds, Elizabeth G. Provo
 Reynolds, Jean, fa-Sp Provo
 Reynolds, John W., a-So Provo
 Rhodes, Velma, a-F Neola
 Rice, E. J., c-So Brigham
 Rice, Grant, fa-F Glens Ferry, Ida.
 Rich, Lewis, c-J Morgan
 Richan, Ruth, ss Provo
 Richards, Anna, e-So Oakley
 Richards, Clara, ss Farmington
 Richards, Helen a-F Salt Lake City

Richards, Horace, G. Salt Lake City
 Richards, Mark, a-F Salt Lake City
 Richards, Mary, ss Salt Lake City
 Richards, G. Wm., fa-So
 Salt Lake City
 Richards, Vernis, e-S Twin Falls, Ida.
 Richardson, Arlo, G Provo
 Richardson, Beth, a-F Provo
 Richardson, Edmund, G Provo
 Richardson, Eldon, a-J Benjamin
 Richardson, Ivie, a-Sp Provo
 Richardson, Lurlene, ap-J Provo
 Richins, Myrlene, a-F Burley, Ida
 Richins, Vir, c-Sp Provo
 Richmond, Dorothy, ss Provo
 Richmond, Dixie, a-So Provo
 Ricks, Geneva, a-So Idaho Falls, Ida.
 Ricks, Mary, ss Rexburg, Ida.
 Riding, Elmer, a-F Provo
 Rigby, Avar, c-J Hinkley
 Rigby, Faye, ss Fairview
 Rigby, Florence, ss Beaver
 Rigby, Samuel, a-F Fairview
 Rigby, Thorval, ss Fairview
 Rigby, M. Verdell, e-S Hinkley
 Rigby, Wendell, ss Beaver
 Riggs, Maurine, a-F Gunnison
 Riggs, Mary Veon, e-J
 St. Johns, Arizona
 Riley, Cathryne, e-F Eureka
 Riordan, Marguerite, fa-S
 Mosca, Colorado
 Riska, Drews, e-J Sandy
 Robbie, Leota, a-So Provo
 Roberts, Bee, ss Delta
 Roberts, Charles, c-So Lehi
 Roberts, Howard, G. Tuba City, Ariz.
 Roberts, Isaac, Jr., fa-Un
 Raymond, Alta, Canada
 Roberts, Ivy, e-So Delta
 Roberts, Lou Vell, ss Delta
 Roberts, Roberta, ap-F Salt Lake City
 Roberts, Vera, ss Gunnison
 Robertson, Cecil N., a-Sp Springville
 Robertson, Helen, e-F Afton
 Robertson, James, a-J Spanish Fork
 Robertson, Russell, c-So
 Leadore, Idaho
 Robins, Darrel, a-F Ogden
 Robins, Sonoma, fa-So Scipio
 Robinson, Don, c-S American Fork
 Robinson, Doris, e-F Boise, Idaho
 Robinson, George, a-F Provo
 Robinson, Hazel, e-So Ogden
 Robinson, Helen, a-So Provo
 Robinson, Jean, fa-So Marysville
 Robinson, John, a-F
 Colonia Dublin, Chih, Mex.
 Robinson, Lydia, ss Beaver
 Robinson, Marie, c-J Lehi
 Robison, Elwin, c-So Baker, Nev.
 Robison, Iola, a-So Garrison
 Robison, Wayne Ashby, c-F Fillmore
 Rockwood, Marise, e-So
 Salt Lake City

Rockwood, Oleah, ss-ap-S	Schofield, Udell, c-F
.....Salt Lake City	.....Tacoma, Washington
Roe, Larry, a-F.....Preston, Idaho	Schow, Alvin J., c-So.....Salt Lake City
Rogers, Beatrice, ap-J	Schow, Erma, c-So.....Lehi
.....Snowflake, Arizona	Schow, Ila, ss-e-S
Rogers, J. Alfred, Jr., a-F.....	.....Lehi
.....Pleasant Grove	Schramm, Leona, ss
Rogers, Max, fa-F.....Morgan	Scott, Clifton, fa-Un
Rogers, Van, ap-Un.....Richfield	.....Provo
Rogers, Wayne, fa-J	Scott, George, Jr., ss.....American Fork
Rolfe, Wanda, e-F	Scott, Mark J., ap-S
.....Oakley	.....Provo
Romer, Ruth, ss	Scott, Monte, c-F.....Idaho Falls, Ida.
Brigham City	Seaman, J. Gordon, c-S.....Salt Lake City
Romney, Elois, e-F	Searle, Don, a-So.....Spanish Fork
.....Colonia Dublin, Chih, Mex.	Searle, Lynn, e-J
Romney, Orin, Jr., ss .....	.....Spanish Fork
.....Colonia Juarez, Chih, Mex.	Searle, Ralph, a-F.....Spanish Fork
Roos, Verla, e-F.....Shelley, Idaho	Sears, Viola, e-J.....Salt Lake City
Roper, Margaret Walker, ss.....Oak City	Seaton, Frances, ss-a-S
Roper, S. Jay, a-F .....	.....Price
.....Monroe	Seegmiller, Deola, ap-S.....St. George
Roper, Rawlin, e-S	Seegmiller, Marie, ss
.....Oak City	.....Provo
Rose, David, ap-So	Seegmiller, Robert, a-F.....Richfield
.....Henrieville	Seeley, Lizetta, ss.....Mt. Pleasant
Rose, Ellen, c-J	Seeley, Max M., a-So.....Roosevelt
.....Logan	Seiter, Alice, fa-Sp
Rose, Ford T., c-So .....	.....Provo
.....Provo	Sellers, Doyle, ss-c-S
Roskelley, Eunice, ss.....Brigham City	.....Sacramento, California
Ross, Fern, ss	Sellers, Jean M., a-S
.....Vernal	.....Provo
Ross, Robert, e-J	Sessions, Pearl, a-F
.....Provo	.....Los Angeles, California
Ross, Walter, c-F	Settle, Ernest, ap-So.....Oakland, Calif.
.....Provo	Sharp, Ariel, e-J
Roundy, Laura, e-So.....Afton	.....Murray
Rowan, Jerald, a-So	Shaw, Afton, e-So
.....Antimony	.....Draper
Rowan, Louella, fa-F	Shaw, Grant, a-F
.....Provo	.....Ogden
Rowe, Glen, c-F	Shaw, Jack, a-J
.....Provo	.....Ogden
Rowe, Helen, c-F	Shaw, Milton, ap-F
.....Salt Lake City	.....Nephi
Rowe, Helen Ann, ss.....Provo	Sheffield, Erwin, ss-a-S.....Kaysville
Rowe, Marion, c-Sp	Shelley, Fern, e-J.....American Fork
.....Provo	Shelton, Fletcher, a.....Lehi
Rowe, Owen, c-Sp	Shepherd, Laura, ss
.....Provo	.....Beaver
Rowland, Hannah, ss.....Springville	Sheranian, Rhoda, fa-F
Rowley, Beth, ap-F.....Spring Glen	.....Beverly Hills, California
Rowley, Eldon, a-F	Shields, Morris, a-Un
.....Provo	.....Shaughnessy, Alberta, Canada
Rowley, Ernest E., a-S.....Cedar City	Shimmin, Edythe, ss
Rowley, Herman, e-S .....	.....Vernal
.....Provo	Shipman, Edward, ap-S
Rowley, LaRue, e-S.....Spring Glen	.....Provo
Royle, Homer, a-J	Shirts, Max, fa-So
.....Lehi	.....Payson
Rupper, John, a-J	Shumway, Nora, ss
.....Provo	.....Kanab
Rupper, Virginia, a-F	Shupe, Margaret, e-F.....Gooding, Ida.
.....Provo	Sibbett, Mary E., ap-Sp
Russell, Louise, ap-J .....	.....Provo
.....Springville	Simkins, Bob, ap-F
Russon, Eloise, fa-F .....	.....Provo
.....Lehi	Simkins, Marie, ss
Russon, Ivey, fa-So .....	.....Springville
.....Lehi	Simkins, Max, c-F
Ryan, Zelda, fa-Sp.....Springville	.....Springville
Sabin, Virgil David, c-S.....Boise, Ida.	Simmons, Elizabeth, fa-F.....
Salisbury, David E., fa-F.....Nephi	.....Pittsburgh, Pa.
Salisbury, Howard, ss-e-Sp.....Springville	Simmons, Hazel, fa-F
Sandberg, Merrill, ss .....	.....Manti
.....Provo	Simmons, James, e-J.....Spanish Fork
Sanders, Ross, c-So.....Malta, Idaho	Simmons, Richard, a-F.....Park City
Sanderson, Devon, e-So.....Fairview	Singleton, Garth, c-F
Sandberg, Mariann, fa-F .....	.....Eureka
.....Salt Lake City	Sjoberg, Lillian, e-S.....Pleasant Grove
Sandgren, Edward, fa-So	Skeem, Elaine, ap-F
.....Provo	.....Oasis
Sant, Horace, a-So	Skeem, Inez, e-So
.....South Gate, California	.....Oasis
Saxey, Edward, a-So	Skipworth, Earnest, c-So
.....Provo	.....Hill Spring, Alta, Canada
Sayer, J. Robert, c-F.....Rigby, Idaho	Skousen, Marvin, ss.....Chandler, Ariz.
Schmidt, Herbert, ap-F	Slade, Edward, ap-So.....Eagar, Ariz.
.....Ogden	Smart, Edwin, ap-So
Schaerrer, Nell, e-F .....	.....Provo
.....Payson	Smart, Helene, ss-c-So
Schmielt, Bennie, fa-S .....	.....Provo
.....Midvale	Smart, Max, G.
Schofield, Arlin, a-F .....	.....Provo
.....Provo	
Schofield, Jay, c-S	Rupert, Idaho

Smeath, George, ap-J. Salt Lake City
 Smith, Ada, ss Springville
 Smith, Barbara, a-F Logan
 Smith, Beth, ss Salt Lake City
 Smith, Brandon, c-F
 Raymond, Alberta, Canada
 Smith, Cecil, fa-So Carey, Idaho
 Smith, Ferral, c-So Elsinore
 Smith, Gerrard, fa-F Boise, Ida.
 Smith, Harold, ss-e-S. Snowflake, Ariz.
 Smith, Heber J., c-F Salt Lake City
 Smith, Ina, ap-F Milford
 Smith, Irene, e-F Beaver
 Smith, Jean, ap-S Pleasant Grove
 Smith, Jess, a-F Greybull, Wyo.
 Smith, LeRoy, e-J Pleasant Grove
 Smith, Lewis, a-F Smithfield
 Smith, Louise, ap-S Salt Lake City
 Smith, Marjorie, ss Provo
 Smith, Mary M., ss, e-So Provo
 Smith, Mildred, Alyce, c-F
 Miami, Arizona
 Smith, Ora Ann, fa-F. Pleasant Grove
 Smith, Phil O., a-Sp Panguitch
 Smith, Phosia H., ss Heber, Ariz.
 Smith, Rowe, Wm., c-F Bridgeland
 Smith, Ruth Irene, e-So Provo
 Smith, Ruth Melba, e-F Salem
 Smith, Sophronia, G. Snowflake, Ariz.
 Smoot, Anita, ss-e-S Provo
 Smuin, Donna, e-F Ogden
 Snarr, Thelma, e-So Murray
 Sneddon, Robert, e-J. Kemmerer, Wyo.
 Snell, Jay, ap-So Cowley, Wyo.
 Snell, Maude, G. Provo
 Snell, Wm. Henry, G. Provo
 Snow, Ella Pearl, Sp Provo
 Snow, Gordon, c-J Provo
 Snow, Harold, ss St. George
 Snow, Hattie, ap-Sp Provo
 Snow, Karl, a-F St. George
 Snow, Orvel, ss American Fork
 Snow, Perry E., ss Ferron
 Snow, Ray, a-F Provo
 Snow, Wanda, e-J St. George
 Soderquist, Oscar, e-S Ferron
 Soffe, Beth, e-So Sandy
 Soffe, Darrel, c-J Sandy
 Soffe, Kenneth, e-So Midvale
 Soffe, Orpha, fa-S Sandy
 Soffe, Wayne, e-J Midvale
 Sorenson, Bernice, ss Monroe
 Sorensen, Bill, fa-J Sandy
 Sorensen, Blair, a-F Brigham City
 Sorensen, Ferril, ss Spring City
 Sorensen, Kathryn, fa-F
 Pine Ridge, South Dakota
 Sorensen, Kimball, c-F Springville
 Sorensen, Lucille, e-J Monroe
 Sorensen, Melba, e-F Brigham City
 Sorensen, Sam, fa-J Springville
 Sorensen, W. Sam, a-F Richfield
 Sorensen, Veone J. e-J Spring City
 Sorensen, Wayne, a-F Magna
 Sorensen, Wilson, ap-J Draper
 Sowards, Beulah, c-Sp Provo

Sowards, Kathleen V., fa-Sp Provo
 Spackman, Fred, a-J
 Stirling, Alberta, Canada
 Spalding, Ardith, ss Provo
 Sparkes, LaVon, c-F Copperton
 Spaugy, Lynn, ap-F Provo
 Spear, Dorothea, ss Provo
 Speckart, Jess, a-F Provo
 Speckart, Orlene, fa-Sp Provo
 Spencer, Emma, fa-F
 Colonia Dublan, Chih, Mex.
 Spencer, Emma Louise, fa-J
 Malad, Idaho
 Spencer, Ethel ss Provo
 Spencer, Hazel, ap-F Malad, Ida.
 Spencer, Helen, fa-So Provo
 Spenser, Lucile, c-So Paris, Idaho
 Spenser, Ray, fa-So Lehi
 Speros, Peter, a-F Bingham Canyon
 Sperry, Mabel, ss Nephi
 Spilsbury, Erwin, ss Preston, Ida.
 Squire, Spencer, ss Manti
 Stagg, Beth, ss Pleasant Grove
 Stagg, John, ss Vernal
 Stagg, Leo, ss Pleasant Grove
 Stahmann, Grace, ss-ap-So
 Spanish Fork
 Staker, Flossie R., ss Mt. Pleasant
 Stark, Anna, ss Spanish Fork
 Starley, Rae, ap-So Delta
 Starr, Eva, a-So Springville
 Startup, Norell, ss Provo
 Steele, Beth, c-F Idaho Falls, Ida.
 Steele, Grace, fa-Sp Provo
 Steele, Stanford, ss-a-S Lago, Ida.
 Steiner, Weldon, c-So Rexburg, Ida.
 Sternecker, Max, c-F Provo
 Stephens, Eugene, c-F. Bayside, N. Y.
 Stephens, Kirk, a-S Bayside, N. Y.
 Stephens, G. Sylvan, G Provo
 Sterling, Ross, c-So Spanish Fork
 Stevens, Florence, c-F. El Paso, Texas
 Stevens, Jay, a-Sp Provo
 Stevens, Marian, c-F Holden
 Stevens, Orin R., c-J Provo
 Stevens, William, c-So. El Paso, Texas
 Stevenson, Keith, e-J Mohrland
 Stevenson, Libbie, ss Mohrland
 Stewart, Blanche, f-F Payson
 Stewart, Laura, a-F Provo
 Stewart, Mildred, ap-J Provo
 Stice, V. E., a-S American Fork
 Stillman, Elise, ss Richfield
 Stillman, Mary, c-So Salt Lake City
 Stillman, Myrle, ap-J. Salt Lake City
 Stoddards, George, c-S. Flushing, N. Y.
 Stoddard, Henry, c-F. La Grande, Ore.
 Stoddard, Mary Ellen, fa-So
 San Clemente, Calif.
 Stokes, Wm. Lee, a-S Cleveland
 Stone, Elaine, ss Blackfoot, Ida.
 Stoker, Florence, ss Spanish Fork
 Stone, Leonard, c-F Mapleton
 Stone, Margaret, c-Un Springville
 Stone, Zella, ss Salem
 Stones, Helen, ss Paragonah
 Storrs, Shirley, a-F Eureka

- Stott, J. Lynde, a-So.....Douglas, Ariz.
 Stott, Lowell, a-Sp.....Provo
 Stott, Nadine, c-F.....Meadow
 Stott, Ruth, C-Sp.....Meadow
 Stout, Beth, e-J.....Moab
 Stowell, Irma, ss-e-S.....Rexburg, Ida.
 Strate, Fred, ss.....Provo
 Strate, Sterling J., c-So.....Provo
 Stratten, James, c-F.....Provo
 Strauser, Ethel, G.Sullivan, Missouri
 Straw, Edna, c-F.....Montpelier, Ida.
 Straw, Marjorie, e-J.....Springville
 Straw, Rea, ss.....Springville
 Straw, Rex, c-J.....Montpelier, Ida.
 Strebel, George, a-J.....Provo
 Strembel, Margaret, e-JPhoenix, Ariz.
 Strickland, Joseph, a-So.....Norfolk, Virginia
 Strickler, Fredonna, e-J.....Ogden
 Stringham, Beatrice, ss.....Vernal
 Stringham, Helen, ap-F.....Vernal
 Stringham, Jack, e-J.....Salt Lake City
 Stuart, Annie, ss.....Woodruff
 Stuart, Elinor, ss.....Ogden
 Stucki, Elvid, fa-F.....Delta
 Styler, Ellen, e-F.....Oasis
 Sulser, Joseph, a-F.....Huntington
 Summerhays, John W., ss.....Salt Lake City
 Summers, Georgia E., ss.....Silver City
 Sumner, Bob, a-F.....Provo
 Sumner, Stella, fa-F.....Provo
 Sumson, Clara, ap-Sp.....Springville
 Sumson, Naoma, ap-F.....Springville
 Sumson, Kathryn, a-Sp.....Provo
 Sundberg, Marguerite, ss-fa-S.....Idaho Falls, Idaho
 Sundwall, C. Arthur, ss.....Fairview
 Sutton, David, ss.....Logan
 Sutton, Helen, e-J.....Provo
 Sutton, Virginia, e-J.....Provo
 Swalberg, Beth, fa-F.....Spanish Fork
 Swalberg, Ralph, a-So.....Spanish Fork
 Swanner, Charles, c-So.....Spanish Fork
 Swasey, Loretta, e-J.....Boneta
 Swensen, Albert D., ss-a-S.....Provo
 Swenson, Frank, c-J.....Spanish Fork
 Swenson, Helen, ss-e-S.....Bancroft, Ida.
 Swenson, John, ap-F.....Bancroft, Ida.
 Swensen, Laura, e-So.....Pleasant Grove
 Swensen, LaRaine, e-So.....Pleasant Grove
 Swensen, Richard, a-F.....Provo
 Syme, Alice, C., ap-Sp.....Provo
 Syphus, Lamar, fa-F.....Hurricane
 Tangren, Hallie H., e-F.....Provo
 Tanner, Carol, a-F.....Provo
 Tanner, George, G.....Provo
 Tanner, Myrtle, a-So.....Provo
 Tanner, Vinessa, ss.....Magrath, Alberta, Canada
 Tanner, Wilmer W., G.....Provo
 Tate, Norma, a-F.....Tooele
 Tate, Ralph R., c-F.....Salt Lake City
 Taylor, Carlos, c-J.....Colonla Juarez, Chih., Mexico
 Taylor, Celestia, G.....Pleasant View
 Taylor, Dan, a-F.....Preston, Idaho
 Taylor, B. Don, c-So.....Provo
 Taylor, Gordon, a-So.....Kamas
 Taylor, Grant F., c-F.....Provo
 Taylor, Hal Loren, c-F.....Provo
 Taylor, John B., fa-So.....Col. Dublan, Chih., Mexico
 Taylor, Keith, a-F.....Idaho Falls, Ida.
 Taylor, O. Kenneth, c-J.....Provo
 Taylor, LaMar, e-F.....Salt Lake City
 Taylor, Lee, c-F.....Levan
 Taylor, Lola, ap-So.....Spokane, Wash.
 Taylor, Lucille R., ss.....Col. Dublan, Chih., Mexico
 Taylor, Margaret, fa-So.....Provo
 Taylor, Mary, G.....Provo
 Taylor, Mattie, c-S.....Spokane, Wash.
 Taylor, Mennell, e-S.....Col. Dublan, Chih., Mexico
 Taylor, Mildred H., c-F.....Levan
 Taylor, Nile Nielson, ap-S.....Preston, Idaho
 Taylor, Nolan R., fa-J.....Ogden
 Taylor, Ruth Elaine, fa-So.....Provo
 Taylor, Ruth Jane, c-F.....Payson
 Taylor, Ruth, e-So.....Col. Dublan, Chih., Mexico
 Taylor, Vaughn, fa-Un.....Salt Lake City
 Taylor, Viva, ss.....Lehi
 Taylor, Willis, a-So.....Raymond, Alberta, Canada
 Tea, LeGrande, e-J.....Riverton
 Teichert, Herman, Jr., a-So.....Cokeville, Wyoming
 Teichert, Robert, a-F.....Cokeville, Wyoming
 Tenney, Luwana, ap-F.....Snowflake, Arizona
 Terry, Evan, c-F.....Provo
 Terry, H. Grant, e-J.....Enterprise
 Terry, L. Lafayette, fa-J.....Enterprise
 Teuscher, Alvin J., ss.....Rexburg, Ida.
 Tew, Klea, fa-So.....Shelley, Idaho
 Thatcher, George, a-F.....Provo
 Thatcher, Mary, a-So.....Roosevelt
 Thaxton, Olive, e-J.....Riverton
 Thayne, June, e-F.....Wellington
 Theobald, Elaine, e-F.....Hinckley
 Thomas, David, ss.....Smithfield
 Thomas, Dan, e-J.....Ogden
 Thomas, L. Dean, e-So.....Spanish Fork
 Thomas, Ferry, a-F.....Richmond
 Thomas, Glen, ss.....Coalville
 Thomas, Harry, a-F.....Provo
 Thomas, Margaret, ss-e-Sp.....Ogden
 Thomas, Rex, a-J.....Provo
 Thompson, Avis, ss-e-J.....Springville
 Thompson, Fred, a-Un.....Salt Lake City
 Thompson, George, c-F.....Provo
 Thomson, Gordon, a-F.....Riverton
 Thorderson, Helga, ss-e-Sp.....Cleveland
 Thorderson, Lawrence, ss.....Cleveland
 Thorderson, Parley, e-Sp.....Cleveland
 Thornock, Willa, c-F.....Randolph

Thornton, J. Max, c-S.....Delta
 Thorpe, Blaine, a-F.....Springville
 Thorson, Myrna, a-So.....Provo
 Thursby, Zada, e-J.....Ephraim
 Thurston, Mary Jim, c-F.....Salt Lake City
 Tidwell, Lillie, e-F.....Wellington
 Tietjen, Bernell, fa-So.....Monroe
 Tietjen, O'Neil, a-F.....Santaquin
 Tiffany, Mern, c-F.....Salem
 Tilton, Veletta, ss.....St. David, Ariz.
 Tippets, Don, ap-S.....Cowley, Wyo.
 Tipton, Naomi, e-F.....Springville
 Tobler, Doris, e-J.....Washington
 Tobler, Ezra, ss.....St. George
 Tobler, Lois, a-F.....Bunkerville, Nev.
 Todd, Alice, c-J.....Denver, Colo.
 Todd, Beth, c-F.....Denver, Colo.
 Todd, Florence, ss-fa-S.....Denver, Colo.
 Tolboe, Donald, a-F.....Provo
 Tolboe, Donna, e-J.....Provo
 Tolhurst, Frank, a-So.....Ogden
 Tolhurst, Gilbert, fa-S.....Ogden
 Toliver, William, e-S.....Salida, Colo.
 Tomlinson, Mary, ap-F.....Pleasant Grove
 Towers, Adele, e-So.....Eureka
 Tucker, Afton, ss-e-J.....Provo
 Tucker, Rebecca, c-Sp.....Provo
 Tucker, Virginia, fa-F.....Provo
 Tueller, Rulon, ss.....Paris, Ida.
 Tuft, Allen, e-J.....Centerfield
 Tuft, Max, a-So.....Monroe
 Tuft, Reed, a-F.....Heber
 Turner, Bill, a-F.....Provo
 Turner, Dean, c-So.....Sunnyside
 Turner, Floy, ss.....Provo
 Turner, Genevieve, ss-e-Sp.....Kaysville
 Turner, Glen, fa-F.....Provo
 Turner, Helen, e-F.....Heber
 Turner, Ida, e-F.....Provo
 Turner, Marjorie, e-J.....Kaysville
 Turner, Maxine, fa-So.....Spanish Fork
 Turpin, Marlow, e-S.....Magna
 Tuttle, L. Elliott, ss-e-Sp.....Provo
 Tuttle, Marie, c-So.....Spanish Fork
 Twitchell, Linda, fa-F.....Beaver
 Tyler, Clark F., a-Un.....Los Angeles, California
 Tyler, Mrs. Ruth Vine, ss.....Salt Lake City
 Tyndall, Clarence, c-So.....Deep Run, North Carolina
 Udall, Elma, c-So.....St. Johns, Ariz.
 Udall, Lula, ss.....Eagar, Ariz.
 Ullock, Jean, ap-F.....Springville
 Ungermann, Ralph L., fa-So.....Huntington
 Utley, Ray, ss.....Richfield
 Utvich, John, a-So.....Los Angeles, California
 Vance, Argene, ss-C-Un.....Provo
 Vance, David, a-So.....Jerome, Idaho
 Vance, Donald, c-F.....Fairview

Vance, Laura, c-F.....American Fork
 Van Dam, Lillieth, a-J.....Salt Lake City
 Van Leuven, Thora, e-So.....Provo
 Van Patten, Boyce, c-S.....Springville
 Van Wagenen, Dean, c-J.....Provo
 Van Wagenen, Fay, ss-G.....Provo
 Van Wagenen, Irene, c-F.....Provo
 Van Wagoner, Merrill Y., ss-a-So.....Midway
 Voorhees, Stanley, c-F.....Gunnison
 Verney, John W., e-S.....Mesa, Ariz.
 Vernon, Wm. M., ss.....Provo
 Vickers, Reva, ss.....Nephi
 Vicklund, Albert, c-So.....Spanish Fork
 Vicklund, Hannah, ss.....Spanish Fork
 Vincent, Byrnece, e-So.....Provo
 Waddoups, Ezma, ap-F.....Brigham City
 Wade, Ellis, ss.....Monroe
 Wadley, Lucy, ap-J.....Pleasant Grove
 Wadsworth, Bea, a-Sp.....Panaca, Nev.
 Wadsworth, Carrol, ss.....Hyrum
 Wadsworth, F. Don., e-F.....Panaca, Nev.
 Wadsworth, Joy, e-F.....Panaca, Nev.
 Wadsworth, Theresa, a-F.....Panaca, Nevada
 Wagers, Marjorie, ss-e-S.....Provo
 Wagstaff, Amy, e-J.....American Fork
 Wakefield, Bruce, ss.....Huntington
 Wakefield, Hal, a-F.....Salt Lake City
 Waldo, Vern, e-S.....Salt Lake City
 Walker, Ellen, ap-S.....American Fork
 Walker, Fay, a-S.....Raymond, Alberta, Canada
 Walker, Horace, a-F.....Pleasant Grove
 Walker, Jess, ss.....Pleasant Grove
 Walker, Leora, e-F.....Pleasant Grove
 Walker, Orvel, ap-Un.....Pleasant Grove
 Walker, Paul, ss.....Pleasant Grove
 Wall, Ruth, e-J.....Randlett
 Wallick, Barney, a-So.....Provo
 Walsh, Edith, ss.....Farmington
 Walsh, Reed, e-J.....Farmington
 Walton, John, a-F.....Provo
 Walton, Mary, fa-F.....American Fork
 Wangsgard, Shirlie, e-J.....Ogden
 Ward, Dorothy, e-J.....Bloomington, Ida.
 Ward, Ed., a-Sp.....Provo
 Ward, Helen, a-So.....Provo
 Ward, Keith, ap-So.....Parowan
 Wardle, Alta, ss.....Vernal
 Warner, Gilbert, a-F.....Ely, Nev.
 Warner, Marie, c-J.....Provo
 Warner, Max, G.....Provo
 Warner, Meldon, e-J.....Fillmore
 Warnick, Adolphus, ss.....Pleasant Grove
 Warnick, Belle, e-F.....Delta
 Warnick, Beth, c-F.....Provo
 Warnick, Don Calvin, ss-c-S.....Provo
 Warnick, Erma, c-S.....Provo
 Warren, Cline, c-F.....Lovell, Wyo.
 Wasden, Howard, ss.....Las Vegas, Nev.
 Wasden, Myron W., ss.....Scipio
 Washburn, DeMonte, fa-S.....Monroe
 Washburn, Lydia, ss.....Farmington, New Mexico
 Washburn, Woodrow, a-So.....Provo

Waspe, Ileen, a-J.....	Salt Lake City
Waters, Alean, c-F.....	Spanish Fork
Waters, Merrill, a-So.....	Sheridan, Wyo.
Watkins, Arthur, ss.....	Provo
Watkins, Don, a-F.....	Provo
Watson, Leonard, c-J.....	Provo
.....Raymond, Alberta, Canada	
Watson, Otella, ap-So.....	Blackfoot, Ida.
Watts, Eva, e-So.....	Byron, Wyoming
Watts, Orvil, ss.....	Provo
Watts, Stanley, e-J.....	Murray
Watts, Verdun, ss-fa-J.....	Kanosh
Way, John, a-J.....	Ogden
Webb, Cecil, a-F.....	Lehi
Webb, Fred, ss.....	Provo
Webb, Jean, e-F.....	Ogden
Webb, Lynn, ss.....	Lehi
Wedge, Jack, c-F.....	Caliente, Nev.
Weenig, John L., c-F.....	Riverton
Weight, Brent N., a-So.....	Springville
Weight, Henry, ap-F.....	Springville
Weight, Nellie, ss.....	Springville
Weight, Newell, fa-J.....	Springville
Weight, Vera, a-F.....	Provo
Weight, Wilford A., c-S.....	Springville
Welker, Norman, ap-So.....	Safford, Ariz.
Wells, Joseph, ap-F.....	Oak City
Wendel, Joe, fa-S.....	Frontier, Wyo.
West, Dale H., a-F.....	Pleasant Grove
West, Louise, fa-F.....	Pleasant Grove
West, Martha, G.....	Boston, Mass.
West, Miriam, ap-F.....	Indianapolis, Ind.
West, Ruby, ap-So.....	Pocatello, Idaho
Westover, Elden, ss.....	Huntington
Westover, La Vada, ap-J.....	Phoenix, Ariz.
Wheeler, Amanda, c-F.....	Provo
Wheeler, A. Blaine, a-So.....	Springville
Wheeler, Fred, a-F.....	Springville
Wheeler, Goldie, ss-fa-Sp.....	Silver City
Wheeler, Melvern, e-S.....	Salida, Colo.
Wheeler, Ray D., ap-J.....	Gering, Neb.
Wheeler, Vera, a-F.....	Springville
Whetten, Leland, c-F.....	.....
.....Col. Juarez, Chih, Mexico	
Whicker, Lyda, e-F.....	Delta
Whitaker, George, c-J.....	Provo
Whitaker, Susa, ss.....	Provo
White, Beth, c-F.....	Pleasant Grove
White, Bob, a-So.....	Provo
White, Clara, c-So.....	Beaver
White, Ethelyn, c-F.....	Farmington
White, Fay, fa-J.....	Provo
White, Howard, a-F.....	Beaver
White, Lola, ss.....	Springville
White, Margaret, e-F.....	Morgan
White, Marian, ss.....	Beaver
White, Nina, ap-J.....	Pleasant Grove
White, Paul M., ss.....	Provo
White, Samuel M., fa-J.....	Morgan
Whitehead, Calvert W., a-S.....	.....
.....St. George	
Whiteley, Blanche, c-F.....	Oakley, Ida.
Whiting, Erma, c-F.....	St. Johns, Ariz.
Whiting, Lucie, ss.....	St. Johns, Ariz.
Whiting, Lutie, c-F.....	Blackfoot, Ida.
Whiting, Ray, G.....	Springville
Whiting, Rex, a-F.....	Mapleton
Whiting, Ruth, ss.....	Mapleton
Whitlock, Aldons, a-So.....	Gunnison
Whitney, Earl, a-F.....	Springville
Whittier, Bruce, a-F.....	Morgan
Whitwood, Mary, fa-S.....	Spanish Fork
Wight, David O., a-J.....	.....
.....Cardston, Alberta, Canada	
Wight, Erma, c-F.....	.....
.....Glenwood, Alberta, Canada	
Wight, LaMont, ap-F.....	.....
.....Cardston, Alberta, Canada	
Wight, Roma, ap-J.....	.....
.....Cardston, Alberta, Canada	
Wignall, Elva, c-So.....	Payson
Wilcox, Vernon, fa-So.....	Salem, Ore.
Wilde, Delwyn, fa-F.....	Iona, Ida.
Wilde, Grace, c-So.....	Spanish Fork
Wilde, Woodrow, c-So.....	American Fork
Wilker, Charles, a-J.....	Pocatello, Ida.
Wilkins, Joseph, ss.....	Mesa, Ariz.
Wilkins, Madelyn, a-So.....	Mt. Home
Wilkins, Ralph, a-F.....	Mt. Home
Wilkinson, Merle, ss.....	Cane Beds, Ariz.
Willet, Farrell, a-So.....	Pleasant Grceve
Williams, Bessie, ss.....	Pocatello, Idaho
Williams, Carroll, ss-fa-J.....	Provo
Williams, Cleo, ss.....	Pocatello, Ida.
Williams, Dean, c-So.....	Malad, Ida.
Williams, Emmons, ss.....	Pocatello, Ida.
Williams, Erceel, c-F.....	Spanish Fork
Williams, Kent, c-F.....	Provo
Williams, Loila, e-J.....	.....
.....Cardston, Alberta, Canada	
Williams, Phyllis, ss.....	Price
Williams, Roger, a-F.....	Hamer, Ida.
Wilske, Emil, ss.....	.....
.....American Falls, Idaho	
Wilson, Carma, ss.....	Roosevelt
Wilson, Lillis, c-F.....	Provo
Wilson, Marian, fa-J.....	Ogden
Wilson, Maxine, c-Sp.....	Payson
Wilson, Melissa, a-Sp.....	Provo
Wilson, Robert Wayne, a-So.....	.....
.....Madison Cottage, Pa.	
Wilson, Ruth, ss.....	Salt Lake City
Wilson, Woodrow, ss-c-S.....	Provo
Winder, Joseph, c-S.....	Vernal
Wing, John H., G.....	Provo
Wing, Niles, a-J.....	American Fork
Wing, Norman, ss.....	American Fork
Wing, Verna, c-F.....	Springville
Winters, Hannadell, e-J.....	Castle Dale
Winterton, La Preal, a-J.....	Provo
Winterton, Olive, ss.....	Provo
Winward, Morris H., ss-e-S.....	.....
.....Whitney, Idaho	
Winzenried, Joseph, a-F.....	Byron, Wyo.
Winzenried, Wayne, a-So.....	Byron, Wyo.
Wiscombe, Raymond, e-F.....	Roosevelt
Witbeck, Olive, e-So.....	Roosevelt
Witbeck, Ann, a-F.....	Roosevelt
Wittwer, Fae, ss.....	Las Vegas, Nev.
Wood, Glenna, fa-S.....	Hurricane
Woodbury, Viola, ss.....	St. George

Woodruff, Alice Ruth, ss-a-J.....Salt Lake City
 Woodruff, Asahel D., ss-SpPrice
 Woods, Jane, ssPayson
 Woodward, Jack, e-S.....Salida, Colo.
 Woodward, Joycelin, a-FProvo
 Woodward, Lowell, GOgden
 Woolf, Aenone, a-SoProvo
 Woolf, Golden, ssProvo
 Woolf, Wilbur, a-FProvo
 Woolf, Wilford, a-FProvo
 Woolley, Henry A., c-S
Santa Monica, California
 Woolley, Roy A., a-F
Raymond, Alberta, Canada
 Wootton, Donna, fa-F.....American Fork
 Wootton, Marlow V., e-S
Blackfoot, Idaho
 Workman, Reed, c-SpProvo
 Worsley, Sarah P., ssProvo

Worthen, Paul, ssSt. George
 Wrathall, Irene, e-JGrantsville
 Wright, Glade, GProvo
 Wright, Ianthus, ssFillmore
 Wright, Rosella, e-SHinckley
 Wycherly, Gaylen, e-SoHiawatha
 Wynder, Max, a-So
Hill Spring, Alberta, Canada
 Yano, Mas, a-F.....Provo
 York, Grace, fa-F.....Spanish Fork
 Young, Clifford, c-S.....American Fork
 Young, Darroll, ap-JBlanding
 Young, Evelyn, ss-e-SHeber
 Young, Florence, c-UnProvo
 Young, Ivan W., ssProvo
 Young, Max, a-SoHeber
 Young, Persis, e-JProvo
 Zabriskie, Emma, c-FProvo
 Ziemer, Charles, ap-SpOgden

Summary of Students for 1936-1937

Graduates	86	
Seniors	238	
Juniors	416	
Sophomores	510	
Freshmen	844	
Unmatriculated	47	
Specials	178	
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Summer School 1936:		2319
Graduates	161	
Other University Students	534	695
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Correspondence and Extension Students		844
Secondary Training School:		
Senior High School	110	
Junior High School	90	200
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Elementary Training School		205
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		4263
Less those counted more than once		385
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Number receiving institutional credit		3878









